

Newark Fire Department

1986

ONE HUNDRED-ONE

ANNUAL REPORT



SHARPE JAMES, Mayor

MUNICIPAL COUNCIL

HENRY MARTINEZ, President

**GEORGE BRANCH, Central Ward
ANTHONY CARRINO, North Ward
RALPH T. GRANT, JR., At-Large
EARL HARRIS, At-Large**

**DONALD PAYNE, South Ward
RONALD L. RICE, West Ward
DONALD TUCKER, At-Large
MARIE L. VILLANI, At-Large**

RICHARD MONTEILH, Business Administrator

CLAUDE M. COLEMAN, Fire Director

NEWARK, NEW JERSEY

FIRE DEPARTMENT ANNUAL REPORT 1986

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Newark

Sharpe James
Mayor

Fire Department

1010 18th Avenue
Newark, New Jersey 07106
201 733-7424

Claude M. Coleman
Director

March 14, 1987

The Honorable Sharpe James
Mayor, City of Newark
City Hall
920 Broad Street
Newark, New Jersey

Dear Mayor James:

Please find herewith the Newark Fire Department's Annual Report for the year 1986, respectfully submitted for your attention and approval.

The Fire Department will continue to meet its primary goal of Fire Prevention and Fire Suppression. We continue to believe, too, that the most proficient methods of achieving these goals are through fire safety education and fire code enforcement. Thus, we have embarked upon an energetic and vigorous program that treats every week as Fire Prevention Week, in which we visited every public and private school, distributed 3,000 Fire Prevention posters and put on numerous Fire Prevention demonstrations. Our credo is that an educated and aware citizenry translates into fewer fires, fewer fire deaths and less economic losses due to fire.

Because of our increased efforts, we have experienced a 35% decrease in fire fatalities, the lowest level since 1976. We realize, too, that even the figure of eighteen fire deaths is an unacceptable one, and we will continue our efforts to further reduce this figure.

On the other side, however, the decrease in fire fatalities was offset by a 26% increase in motor vehicle fires, a most dramatic increase, which represents a 39% increase since 1984. At this very moment, however, a Task Force of Police, Prosecutor's detectives, insurance investigators and Arson detectives are addressing this problem, and we shall await the results of their efforts in 1987.

Of course, any results achieved, or to be achieved, is dependent upon the willing and enthusiastic efforts of the administrative staff and upon the dedication and cooperation of all the people in this Department. I am certainly grateful to them for their help and support.

Newark

Sharpe James
Mayor

Fire Department

1010 18th Avenue
Newark, New Jersey 07106
201 733-7424

Claude M. Coleman
Director

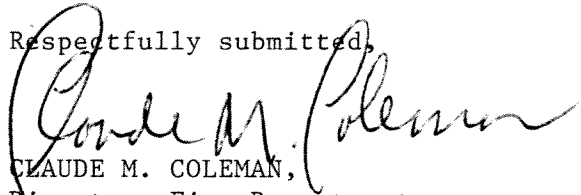
The Honorable Sharpe James
Mayor, City of Newark

Page 2

March 14, 1987

We are also grateful to you, Mr. Mayor, to the Business Administrator, Members of the City Council, and to all the Department Directors, whose concern, cooperation and coordination of efforts were instrumental in helping us achieve our goals.

Respectfully submitted,



CLAUDE M. COLEMAN,
Director, Fire Department

CMC:EC

Newark

Sharpe James
Mayor

Fire Department

1010 18th Avenue
Newark, New Jersey 07106
201 733-7424

Claude M. Coleman
Director

February 26, 1987

Hon. Claude M. Coleman, Director
Newark Fire Department
Newark, New Jersey

Dear Sir:

Forwarded herewith is the Annual Report of the Newark Fire Department for the year 1986.

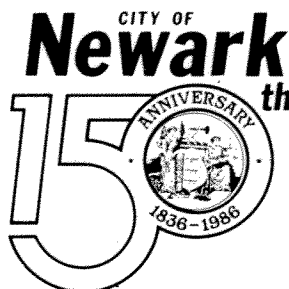
Despite the many problems the Newark Fire Department faced in the past year, we continue to meet the demands placed upon us and the quality of service the public receives remains at a high level. This can be directly attributed to the dedication to duty displayed by our members; the cooperation of other departments; and the high level of leadership and understanding exhibited by the Administration.

In 1986, Newark continued to experience financial difficulties which caused us to operate under strict and burdensome budgeting constraints. Surmounting these obvious restrictions, we continue to work diligently towards improving the service to our citizens.

In 1986 we received delivery of two - 1,000 GPM Pumpers. These units were placed in service on June 9, 1986. In August, bids were let on two - 100' Aerial (rearmount) Ladder Trucks and two - 1,000 GPM Pumpers. The Aerials were delivered to the City in January of 1987 and will be put into service on February 27, 1987. Delivery is expected on the Pumpers by mid-April.

A new firehouse has been proposed on South Orange Avenue and South Ninth Street, which will house Engine Companies 6 and 11, Truck Company 11 and Deputy Division 2. Design and site plan work are in progress on this project.

Fire Prevention remains our No. 1 Priority. In 1986, the Fire Department has devoted increased attention to this all-important function; which will decrease the need for suppression concerns; making the citizens of our City



NEWARK FIRE DEPARTMENT

Hon. Claude M. Coleman, Director

February 26, 1987

Page 2

better protected from the ravages of fire.

I wish to again extend to all dedicated members of our Fire Department my sincere appreciation for their efforts and their cooperation throughout the year.

I also extend my thanks to Mayor Sharpe James, the Members of the Municipal Council, and to all agencies and City Officials who have in any way assisted our department in meeting its goals of fire prevention and suppression during the year 1986.

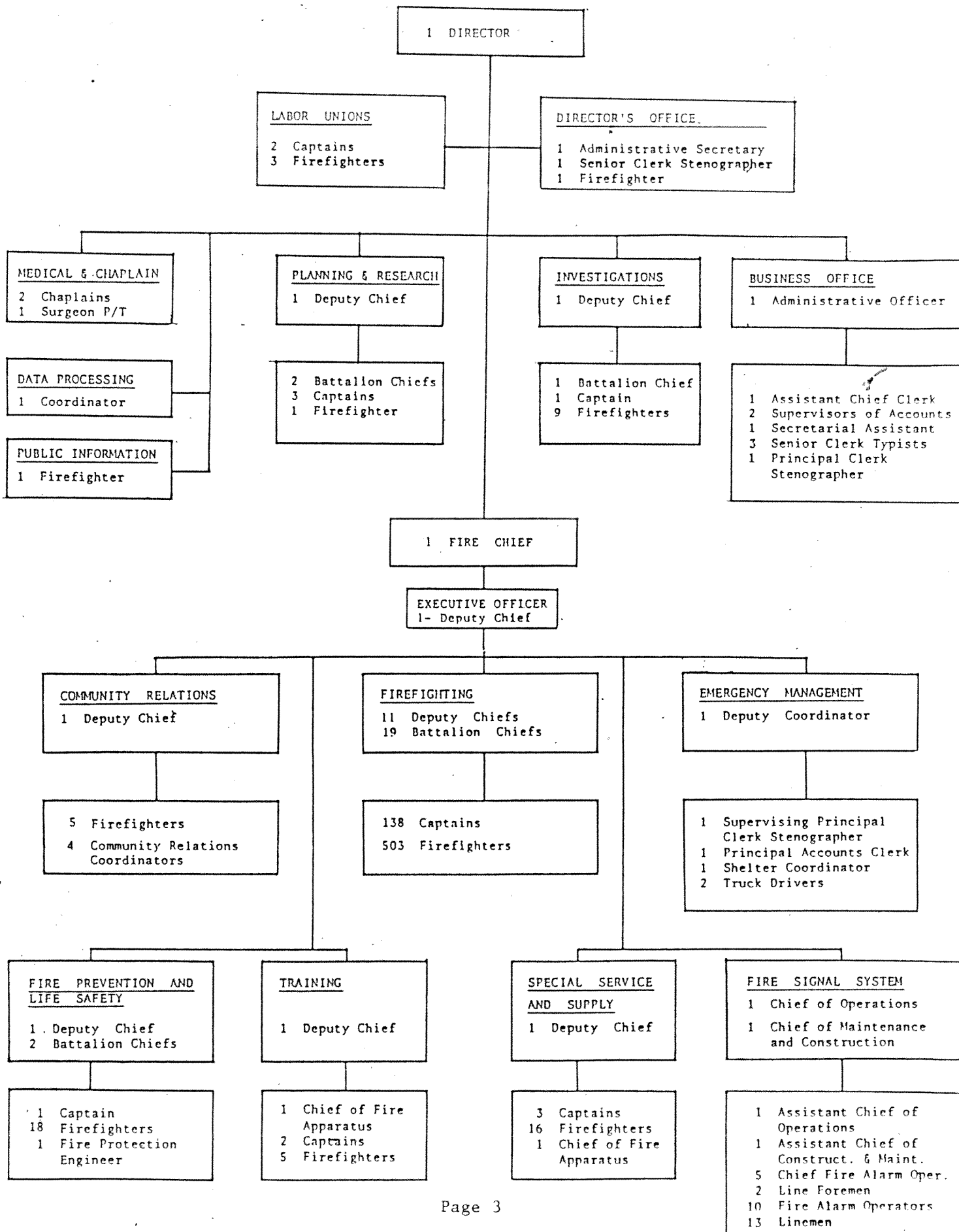
Respectfully submitted,

A handwritten signature in cursive script, reading "Stanley Kossup".

STANLEY J. KOSSUP,
Fire Chief

SJK:JMR
Enc.

ORGANIZATIONAL CHART



FIRE DEPARTMENT - CITY OF NEWARK

Hon. Milan E. Johnson
Acting Business Administrator

Hon. Sharpe James
Mayor

Hon. Claude M. Coleman
Fire Director

William T. Whalen, Administrative Officer
Esther Conrad, Administrative Secretary
Kenneth Blaha, Asst. Chief Clerk

Stanley J. Kossup, Fire Chief, U.F.D., Commanding
Alexander McGrory, Deputy Fire Chief, Executive Officer

DEPUTY FIRE CHIEFS

1st Deputy Division

James McCormack
Robert John Miller
Edward R. Dunn
Albert Maresca

2nd Deputy Division

Edward J. Chrystal
John J. Tartis
John Griggs
William M. Carragher, Jr.

Roving

Cantalora Palestino

BATTALION FIRE CHIEFS

1st Battalion

Edward Rydzewski
Frederick Nolan
Richard Meeker
Frank A. Calvitti

3rd Battalion

Leonard Mendola
Joseph Ricca
Richard Bitter
James H. Cody

4th Battalion

James Richardson
Kenneth Miller
James Smith
Anthony De Troia

5th Battalion

James P. Finucan
Robert J. Smith
Joseph T. Miller
Robert Fitzpatrick

Roving

Robert Gaynor
Robert Schmipf
Pasquale Stellitano
(Retired 4/1/86)

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SUB-DIVISIONS OF THE FIRE DEPARTMENT

Fire Prevention Division

Robert J. Buccine, Deputy Chief
John Higginson, Battalion Chief
Carroll W. Henderson, Battalion Chief
Alfred Machiaverna, Supvg. Fire Protection Inspector (Ret. 9/1/86)
Richard C. Kelly, Captain

Division of Investigation

James V. Raymond, Deputy Chief
Louis Formisano, Battalion Chief
Emil Nardone, Captain (Ret. 7/1/86)
George Daudelin, Captain

Fire Signal System Operation

Albert Lasso, Chief, Communications
Vincent Lyons, Asst. Chief, Communications
John DiBlasio, Chief Maint./Constr.
Walter J. Maszczak, Asst. Chief, Maint./Constr.

Special Services & Supply

David Kinnear, Deputy Chief
Walter Mueller, Chief of Fire Apparatus
James Clarke, Captain, Mask Division
William Scholz, Captain Supply Division
Anthony Graziano, Captain, Hose Division

Fire Training Center

Alfred Freda, Deputy Chief
Carl Duerr, Captain
Eugene Anderson, Captain

Planning & Research Division

John J. Valent, Deputy Chief
James Wilson, Battalion Chief
Albert R. Payne, Battalion Chief
Abnathy Alfonso Mason, Captain
Eli Savarese, Captain

Community Relations & Civil Defense (Emergency Management)

Joseph J. Pierce, Deputy Chief

Medical Division

Morris Halper, M. D., Fire Surgeon (Part Time)

Chaplains

Rev. Horton J. Raught, Catholic
Rabbi Horace Zemel, Jewish

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F I R E D E P A R T M E N T

Financial Statement

| | |
|---------------------------------------|-------------------|
| Salaries and Other Pay Appropriations | \$24,631,847.05 |
| Other Expenses | <u>558,991.00</u> |
| | \$25,190,838.05 |

Expenditures

| | |
|----------|-----------------|
| Salaries | \$22,673,257.54 |
| Overtime | 593,911.00 |

Miscellaneous Receipts

| | |
|-------------------------------|--------------|
| Fire Prevention & Life Safety | \$100,737.00 |
| Division | |
| Miscellaneous | 4,721.82 |

Miscellaneous

| | |
|--|------------|
| N. J. Turnpike Response, 7/1/85-12/31/85 | \$2,550.00 |
| " " " 1/1/86-6/30/86 | 1,800.00 |
| I.B.M. Refund of Overbilling | 371.82 |

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F I R E D E P A R T M E N T
VITAL STATISTICS - 1986

APPOINTMENTS

| | |
|----------------|---|
| Feb. 10, 1986 | Gary Palmerson - Firefighter (from Re-employment List) |
| Feb. 24, 1986 | James Berdiel - Fire Alarm Operator |
| April 21, 1986 | 65 Eligibles from Civil Service List (listed below) |

Abdush-Shahid Yasin
Stephen Scarpulla
Lawrence Prather
Louis Orlando, Jr.
Angel L. Rivera
William Mojica
James C. Mosley
Milton Baskett, Jr.
Thomas E. Soltysik
Norman McConnaughey
Anthony J. Perniciaro
Michael J. Sorace
Jeffrey T. Lukawski
Fateen A. Ziyad
William E. James
Michael Lubertazzi
Michael E. Knight
Bradley Byers
Kramer Wimberly
Samuel Piacenza
Joseph F. Evangelista
Roberto S. DeJesus
Lawrence J. Webb
Rudolph Lewis
William George
Giotto J. Nepa
Edward J. Griffith, 3rd
John J. Pope
Michael V. Wells
Donald L. Cole
Gary Holman
Jerome J. Blabolil
Stanley Partyka
Curtis Johnson
Damian J. Emerick
Reyniel T. Irizarry
Thomas F. Mastroeni
Brian Donnelly
Raymond M. Alfano
Anthony W. Hopler
Ramon E. Irizarry
Alan P. Masters
Darius D. Bishop
Thomas Szigeti
Carl M. Schnering
Joseph J. Mahoney
John P. Olohan
Thomas J. Boutsikaris
Marvin Fitzpatrick
Stephen J. Kolibas
John G. Centanni
Donald C. Goetchius
Imre B. Szigeti
Ray A. Coleman
Rafael A. Aneses
Tyrone A. Broner
Glenn M. Cassidy
Sylvester Lee, Sr.
Floyd Tinson
James W. McCormack
Norman Bellina
James Warren
Kenneth A. Watson
John J. Maraguglio
Richard A. Dixon

| | |
|---------------|---|
| July 1, 1986 | Claude M. Coleman, Director, Fire Department |
| July 14, 1986 | Louis Formisano, Battalion Chief (from Re-employment List) |

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F I R E D E P A R T M E N T

Vital Statistics (2)

RETIREMENTS

| | |
|---------|---|
| 1/1/86 | Batt. Chief Robert J. Miller F/F Patrick Breslin F/F James Van Derveer F/F Michael D'Ambrosio F/F Robert Flohl F/F Vito Vicino |
| 2/1/86 | Captain Joseph Abbondante F/F Joseph Racioppi F/F John Kossakowski F/F John Cifelli F/F Robert Jorda F/F Albert Hamfeldt |
| 3/1/86 | Deputy Chief James E. Morgan Captain Ronald Fitzpatrick F/F Thomas J. Hughes F/F Robert Pepe |
| 4/1/86 | Batt. Chief Pasquale Stellitano Captain Edward Brock Captain James Clemens F/F Bernard Washington |
| 5/1/86 | Fire Alarm Operator Burton Bleakney F/F Philip Salimbene F/F John Cassidy |
| 6/1/86 | F/F Donald Mitchell |
| 7/1/86 | Captain Emil Nardone |
| 8/1/86 | F/F Edward Vesey F/F Frederic Masucci F/F Christian Larson F/F Edward Conklin |
| 9/1/86 | F/F Nicholas Bruno F/F William Critchley Fire Protection Inspector Alfred Machiaverna |
| 12/1/86 | F/F Thomas Burke |

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F I R E D E P A R T M E N T

Vital Statistics (3)

PROMOTIONS

| <u>DATE</u> | <u>NAME</u> | <u>PROMOTED TO:</u> |
|----------------|--------------------|--|
| March 27, 1986 | Albert Payne | Battalion Fire Chief |
| " " " | Robert Schimpf | Battalion Fire Chief |
| Dec. 15, 1986 | Vincent Lyons | Asst. Chief, Fire Sig. System Operation |
| " " " | William Knapp | Chief Fire Alarm Operator |
| " " " | Henry Przybylowicz | Chief Fire Alarm Operator |
| Dec. 27, 1986 | Joyce M. Reinhart | Administrative Secretary (Provisional) |

RESIGNATIONS

| | |
|---------------|--|
| Feb. 24, 1986 | F/F James Berdiel (Resigned to take Fire Alarm Operator Position) |
| Apr. 25, 1986 | Prob. F/F Joseph Mahoney |
| July 1, 1986 | John P. Caufield, Director, Fire Department |

SERVICES TERMINATED

| | |
|---------------|--|
| Aug. 15, 1986 | Barbara Norman - Lineman |
| Aug. 15, 1986 | Lonnie Tucker - Community Relations Coordinator |
| Aug. 15, 1986 | Daniel Warnock - Community Relations Coordinator |

DISCIPLINARY DISMISSALS

| | |
|---------------|---|
| Feb. 10, 1986 | F/F Jonathan Wheeler |
| Feb. 10, 1986 | F/F James Anderson |
| June 19, 1986 | F/F Ralph Herring |
| Aug. 13, 1986 | F/F James Johnson |
| Dec. 13, 1986 | Gladys Maultsby, Supervisor of Accounts |

* * * * *

D E A T H S

| | |
|-------------------|---|
| January 2, 1986 | Firefighter Marcus Reddick - Line of Duty |
| July 27, 1986 | Chief Fire Alarm Operator Clarence Alston |
| August 11, 1986 | Deputy Fire Chief Joseph Magnusson |
| November 23, 1986 | Firefighter Khalil Shaheed |

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COMPANY STATISTICS 1986

| COMPANY | TOTAL ALARMS ANSWERED | TOTAL ALARMS WORKED | EMERGENCY CALLS | HOURS OF ENGINE DUTY | FEET OF HOSE USED | HYDRANTS INSPECTED | DRILLS AND DEMONSTRATIONS | HOURS OUT OF QUARTERS | IN-SERVICE BUILDING INSPECTIONS |
|--------------|--------------------------|------------------------|-----------------|-------------------------|----------------------|-----------------------|------------------------------|--------------------------|---------------------------------------|
| Eng. Co. 5 | 1484 | 473 | 2 | 113:00 | 28,200 | 182 | 245 | 563:50 | 109 |
| Eng. Co. 6 | 2815 | 1096 | 0 | 372:30 | 131,700 | 234 | 374 | 1229:50 | 210 |
| Eng. Co. 7 | 2541 | 1007 | 0 | 278:00 | 118,750 | 724 | 214 | 1164:00 | 223 |
| Eng. Co. 8 | 1016 | 319 | 2 | 156:10 | 25,900 | 402 | 307 | 311:20 | 124 |
| Eng. Co. 9 | 2482 | 1081 | 0 | 293:30 | 20,020 | 375 | 262 | 954:00 | 215 |
| Eng. Co. 10 | 1999 | 786 | 0 | 292:15 | 66,100 | 225 | 351 | 890:00 | 237 |
| Eng. Co. 11 | 2090 | 618 | 0 | 226:45 | 65,850 | 480 | 447 | 645:56 | 241 |
| Eng. Co. 12 | 2218 | 766 | 27 | 175:00 | 61,450 | 124 | 366 | 702:00 | 219 |
| Eng. Co. 13 | 1519 | 656 | 0 | 223:00 | 76,150 | 320 | 375 | 797:00 | 181 |
| Eng. Co. 14 | 1545 | 372 | 0 | 199:01 | 32,850 | 480 | 204 | 957:15 | 136 |
| Eng. Co. 15 | 2106 | 527 | 14 | 233:99 | 47,050 | 442 | 316 | 865:35 | 393 |
| Eng. Co. 16 | 775 | 226 | 0 | 186:00 | 19,350 | 639 | 386 | 576:00 | 482 |
| Eng. Co. 17 | 1787 | 611 | 1 | 182:00 | 107,700 | 285 | 295 | 776:00 | 327 |
| Eng. Co. 18 | 2027 | 623 | 0 | 227:00 | 70,100 | 330 | 348 | 748:00 | 223 |
| Eng. Co. 19 | 1242 | 504 | 30 | 150:10 | 24,100 | 353 | 350 | 777:16 | 285 |
| Eng. Co. 21 | 917 | 173 | 0 | 68:00 | 14,300 | 133 | 334 | 512:00 | 375 |
| Eng. Co. 26 | 920 | 276 | 0 | 78:00 | 16,050 | 130 | 322 | 460:00 | 344 |
| Eng. Co. 27 | 1020 | 313 | 0 | 158:35 | 29,500 | 260 | 368 | 689:41 | 226 |
| Eng. Co. 28 | 1253 | 529 | 2 | 138:00 | 44,500 | 254 | 375 | 691:00 | 170 |
| Eng. Co. 29 | 1608 | 446 | 0 | 150:44 | 34,800 | 242 | 370 | 675:38 | 223 |
| Rescue Squad | 1932 | 1466 | 422 | -- | -- | 350 | 376 | 1082:00 | 50 |
| Fireboat ** | 26 | 22 | 3 | 67:00 | 750 | - | 127 | 172:00 | -- |
| TOTALS | 35,322 | 12,890 | 503 | 3,967:19 | 1,035,170 | 6,964 | 7,112 | 16,238:27 | 4,993 |

** During the year 1986, the Fireboat was in drydock for overhauling. The Fireboat was returned to service on October 6, 1986 after having been completely overhauled.

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COMPANY STATISTICS 1986 (2)

| COMPANY | TOTAL ALARMS ANSWERED | TOTAL ALARMS WORKED | EMERGENCY CALLS | FEET OF LADDERS USED | NUMBER OF INSPECTIONS MADE | DRILLS AND DEMONSTRATIONS | HOURS OUT OF QUARTERS | NUMBER OF HYDRANTS INSPECTED |
|--------------|--------------------------|------------------------|-----------------|-------------------------|-------------------------------|------------------------------|--------------------------|------------------------------------|
| Truck Co. 1 | 1795 | 600 | 0 | 17,177 | 270 | 378 | 940:85 | 526 |
| Truck Co. 4 | 988 | 297 | 0 | 6,794 | 238 | 364 | 686:00 | 419 |
| Truck Co. 5 | 2106 | 596 | 0 | 12,188 | 245 | 378 | 866:00 | 180 |
| Truck Co. 6 | 1202 | 476 | 4 | 5,506 | 220 | 369 | 687:00 | 300 |
| Truck Co. 7 | 2070 | 769 | 40 | 11,830 | 384 | 432 | 958:80 | 300 |
| Truck Co. 8 | 673 | 233 | 8 | 2,974 | 178 | 307 | 464:23 | 438 |
| Truck Co. 9 | 1792 | 600 | 0 | 7,728 | 350 | 277 | 901:00 | 274 |
| Truck Co. 10 | 1477 | 388 | 2 | 3,973 | 155 | 356 | 673:00 | 244 |
| Truck Co. 11 | 1819 | 335 | 33 | 9,441 | 366 | 381 | 814:40 | 168 |
| Truck Co. 12 | 640 | 145 | 0 | 4,102 | 355 | 334 | 233:26 | 432 |
| TOTALS | 14,562 | 4,439 | 87 | 81,713 | 2,761 | 3,576 | 7,224:54 | 3,281 |

BATTALION CHIEFS

| BATTALION DISTRICTS | NO. OF ALARMS ANSWERED | NO. OF ALARMS WORKED | TOTAL DISTRICT INSPECTIONS |
|------------------------|------------------------------|----------------------------|----------------------------------|
| Batt. Dist. 1 | 3060 | 1165 | 106 |
| Batt. Dist. 3 | 2532 | 1384 | 400 |
| Batt. Dist. 4 | 2764 | 1252 | 163 |
| Batt. Dist. 5 | 2244 | 821 | 148 |
| TOTALS | 10,600 | 4,622 | 817 |

DEPUTY CHIEFS

| DEPUTY DIVISIONS | NO. OF ALARMS ANSWERED | NO. OF ALARMS WORKED | TOTAL DISTRICT INSPECTIONS |
|---------------------|------------------------------|----------------------------|----------------------------------|
| Deputy Div. 1 | 1518 | 891 | 94 |
| Deputy Div. 2 | 1153 | 890 | 290 |
| TOTALS | 2,671 | 1,781 | 384 |

(1)

FIRE PREVENTION AND LIFE SAFETY DIVISION

Annual Report for 1986
Submitted By
Robert J. Buccine, Officer In Charge

1986 was the first full year that the New Jersey Uniform Fire Safety Code was in place in the City of Newark. This powerful method of Code Enforcement has had a telling effect on fire losses in this city.

In every single category which is recorded and under the authority of this Division the record shows a marked decline.

The Fire Prevention Division is mandated to provide for the Life Safety of Newarks Citizens and to prevent loss of property by fire and will continue to do so through diligent effort and modern updated procedures.

SMOKE DETECTORS

The Smoke Detector Program has continued to receive a maximum effort in order to see that every single multiple occupancy is equipped with an interconnected system in all required areas, and a single station device in every dwelling unit.

The past year has seen great progress toward this goal. The improved protection will be self evident in that future years will continue to see increased Life Safety and less Fire and Life Loss.

PUBLIC EDUCATION

It has been said that a good Fire Inspector is 90% salesman and 10% policeman. If the message of Fire Prevention can be delivered to the public and voluntary compliance can be achieved then all concerned are way ahead.

When a citizen asks, "Why do I have to do that?" and a satisfactory answer is supplied, an enlightened public will then willingly comply with all codes and avoid Code Enforcement.

All requests for information and public speakers are answered during the past year and a continuing effort of "selling" Fire Prevention and Life Safety will continue.

FIRE PREVENTION AND LIFE SAFETY DIVISION

VACANT BUILDINGS

The number of vacant buildings in the city has declined significantly. Although this improvement is the result of the combined efforts of the Fire Department and the Engineering Department, undoubtedly the changes in the economic climate and the rebuilding of Newark are having a definite effect.

Vacant Buildings, in the past, have always been a source of many fires, and a continued effort to monitor them will be maintained to keep them secured, rehabilitated, or demolished, by the Division.

FIRE RECORDS

The Fire Records Bureau which compiles the statistics for the Department, continued to maintain a high degree of excellence in the effort to provide accuracy in record reporting.

Fire Verifications are issued to all persons requiring them as soon as possible in as professional a manner as is possible.

Record keeping continues to be an important aspect of the Bureau's duties and will continue to receive the required effort to maintain efficiency.

PLAN REVIEW

All major repairs, new construction, additions to buildings and renovations require that construction plans be submitted for review by the Fire Sub Code Official.

This Plan Review insures that Fire Safety in the areas of Fire Protection Equipment, means of exiting, heat producing devices, and all mechanical systems is observed and maintained.

FIRE SUPPRESSION SYSTEM

The Sprinkler System is the main weapon in the fight against fire. The Uniform Fire Code calls for annual certification of all Suppression Systems. This section of the Code was strictly enforced and the result will be shown in a continuing down trend in Fire Losses.

PERMITS

Permits serve four general purposes. They allow the Department to keep informed as to what activities are taking place in the City, they provide for access onto a property to see that the conditions of the permit are being met, they allow for enforcement of Fire Safety Codes and they generate revenue.

Permits are an important integral part of the operation of the Division of Fire Prevention and Life Safety.

(3)

FIRE PREVENTION AND LIFE SAFETY DIVISION

The Penalty Assessment Program is a great success. The Uniform Fire Safety Code requires that the Fire Official for the City assess penalties for violations of the Code which remain unabated after a deadline is set.

The Fire Prevention Division has had great progress in obtaining the co-operation of the public in getting violations of the Code abated. Undoubtedly this phase of the operation will have long term and lasting beneficial effects on the Fire Safety situation in this City.

oOo

FIRE PREVENTION DIVISION

(4)

| | |
|----------------------------------|--------|
| TOTAL INCIDENTS ----- | 16,804 |
| Fire incident response ----- | 6,013 |
| Other Response ----- | 10,791 |
| Misc. SIG. 5s Not Recorded ----- | 2,934 |

Total Response 19,738

| | |
|---------------------|-------|
| BUILDING FIRES----- | 1,295 |
| (Occupied----- | 1,068 |
| (Vacant----- | 227 |

| | |
|-------------------------|-------|
| NON-BUILDING FIRES----- | 4,464 |
| (Dumpster----- | 384 |
| (Auto ----- | 1,957 |
| (Truck/Bus/Frt.----- | 195 |
| (Brush/Rubbish----- | 1,928 |

| | |
|-------------------------|-----|
| NON-HOSTILE FIRES----- | 254 |
| (G/Cooking----- | 75 |
| (Incin./Compactor----- | 116 |
| (Arcing/Sht.Circuit---- | 36 |
| (Other----- | 27 |

| | |
|----------------------------|-------|
| MALICIOUS FALSE ALARM----- | 4,968 |
|----------------------------|-------|

| | |
|--------------------------|-------|
| ALL OTHER RESPONSE ----- | 5,823 |
|--------------------------|-------|

| | |
|--------------------------|----|
| FIRE RELATED DEATHS----- | 18 |
| (Civilian----- | 18 |
| (Firefighter----- | 0 |

| | |
|---------------------------|----|
| MULTIPLE ALARM FIRES----- | 63 |
| (2nd. Alarm----- | 55 |
| (3rd. Alarm----- | 7 |
| (4th. Alarm----- | 1 |

| | |
|----------------------|-----|
| SIGNAL 11 FIRES----- | 370 |
| (Occupied Bldg.----- | 276 |
| (Vacant Bldg.----- | 80 |
| (Non-Bldg. ----- | 14 |

| | |
|-----------------------------------|----|
| MUTUAL AID TO ASSIST NEWARK ----- | 2 |
| OUT OF CITY RESPONSE----- | 26 |

FIRE PREVENTION DIVISION

(5)

| | |
|---------------------------------|--------|
| TOTAL INCIDENTS ----- | 16,804 |
| Fire incident response ----- | 6,013 |
| Other Response ----- | 10,791 |
| Misc. SIG.5s Not Recorded ----- | 2,934 |
| Total Response ----- | 19,738 |

BUILDING FIRES----- 1,549

| | |
|-------------------|-------|
| * (Occupied ----- | 1,322 |
| (Vacant ----- | 227 |

*(Including non-hostile Fires as per 901 Code)

NON-BUILDING FIRES-----4,464

| | |
|---------------------|-------|
| (Dumpster ----- | 384 |
| (Auto ----- | 1,957 |
| (Truck/Bus/Frt.--- | 195 |
| (Brush/Rubbish--- | 1,928 |

MALICIOUS FALSE ALARM ----- 4,968

ALL OTHER RESPONSE ----- 5,823

FIRE RELATED DEATHS ----- 18

| | |
|-------------------|----|
| (Civilian ----- | 18 |
| (Firefighter----- | 0 |

MULTIPLE ALARM FIRES ----- 63

| | |
|-----------------|----|
| (2nd.Alarm----- | 55 |
| (3rd.Alarm----- | 7 |
| (4th.Alarm----- | 1 |

SIGNAL-11 FIRES----- 370

| | |
|---------------------|-----|
| (Occupied Bldg.---- | 276 |
| (Vacant Bldg.---- | 80 |
| (Non-Bldg. ----- | 14 |

| | |
|-----------------------------------|----|
| MUTUAL AID TO ASSIST NEWARK ----- | 2 |
| OUT OF CITY RESPONSE ----- | 26 |

| | | |
|---|--------|--------|
| TOTAL BUILDING INSPECTIONS----- | | 29,993 |
| (By Bureau Inspectors)----- | 21,633 | |
| (Inservice Inspections)----- | 8,360 | |
| FIRE CODE VIOLATIONS PROCESSED----- | | 3,145 |
| (Rec'd from in-Service Co's)----- | 740 | |
| (Bureau Inspectors)----- | 1,651 | |
| (Telephone/Letters)----- | 548 | |
| (Other Departments)----- | 206 | |
| SPECIAL BUREAU DETAILS----- | | 264 |
| (Public Functions)(Man Hrs.) | | |
| FIRE PREVENTION LECTURES (Man Hours)----- | | 2,534 |
| (App.School Children Involved)----- | 53,100 | |
| (Other Civic Groups)----- | 3,200 | |
| FIRE PREVENTION LITERATURE DISTRIBUTED----- | | 41,200 |
| VACANT BUILDING INSPECTIONS----- | | 993 |
| SMOKE DETECTOR PLANS PROCESSED ----- | | 895 |
| SMOKE DETECTOR INSPECTIONS ----- | | 2,334 |
| SMOKE DETECTOR VIOLATIONS PROCESSED----- | | 692 |
| KEROSENE HEATER VIOLATIONS PROCESSED----- | | 44 |
| FIRE INVESTIGATIONS ----- | | 418 |
| PHOTOGRAPHS TAKEN----- | | 2,954 |

| | | |
|--|-----------|------------|
| PLANS EXAMINED ----- | | 449 |
| LETTERS SENT ----- | | 2,352 |
| (Regular Mail) ----- | 1,580 | |
| (Registered Mail) ----- | 772 | |
| COURT CASES INSTITUTED ----- | | 99 |
| (Violation of Fire Code) | | |
| COURT CASES INITIATED ----- | | 241 |
| (Postponed) ----- | 187 | |
| (Dismissed) ----- | 29 | |
| (Bench Warrant) ----- | 13 | |
| (Docketed Judgement) ----- | 12 | |
| COURT TIME (Man Hours) ----- | | 493 |
| FINES COLLECTED (Pre 1986 Cases) ----- | | \$ 3,115 |
| DOCKETED FINES ----- | | \$ 52,905 |
| BUILDINGS REGISTERED (Life Hazard Use) ----- | | 834 |
| REBATE From D.C.A., Bureau of Life Safety ----- | | \$ 92,810 |
| PERMITS ISSUED ----- | | 1,383 |
| PERMIT FEES COLLECTED ----- | \$ 67,922 | |
| FIRE INCIDENT REPORT FEES ----- | \$ 5,930 | |
| PENALTIES ASSESSED (For Building Code Violation/s) ----- | \$ 27,065 | |
| Total Fees Collected by Bureau | | |
| | | \$ 100,917 |
| SEMINAR/CONTINUING EDUCATION (Man Hours) ----- | | 993 |
| OFFICE LECTURES/DEMONSTRATIONS (Man Hours) ----- | | 639 |

FIRE DEATH STATISTICS

| <u>MONTH</u> | <u>1975</u> | <u>1976</u> | <u>1977</u> | <u>1978</u> | <u>1979</u> | <u>1980</u> | <u>1981</u> | <u>1982</u> | <u>1983</u> | <u>1984</u> | <u>1985</u> | <u>1986</u> |
|--------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| JAN. | 1 | 1 | 2 | 4 | 1 | 3 | 4 | 4 | 4 | 3 | 4 | 4 |
| FEB. | 1 | 0 | 4 | 5 | 12 | 0 | 1 | 9 | 1 | 5 | 0 | 1 |
| MAR. | 0 | 6 | 1 | 3 | 1 | 3 | 1 | 1 | 0 | 1 | 3 | 5 |
| APR. | 9 | 0 | 2 | 4 | 9 | 2 | 5 | 1 | 2 | 1 | 5 | 0 |
| MAY | 7 | 2 | 0 | 0 | 4 | 4 | 3 | 0 | 2 | 0 | 2 | 3 |
| JUNE | 8 | 0 | 0 | 0 | 1 | 3 | 3 | 1 | 4 | 0 | 3 | 0 |
| JULY | 1 | 1 | 3 | 1 | 0 | 1 | 2 | 0 | 1 | 1 | 0 | 0 |
| AUG. | 1 | 0 | 0 | 5 | 0 | 3 | 0 | 0 | 0 | 2 | 1 | 0 |
| SEPT. | 1 | 1 | 0 | 5 | 1 | 0 | 0 | 2 | 0 | 4 | 6 | 0 |
| OCT. | 2 | 0 | 1 | 1 | 0 | 0 | 1 | 6 | 0 | 0 | 2 | 2 |
| NOV. | 1 | 1 | 1 | 4 | 6 | 1 | 0 | 1 | 1 | 0 | 0 | 1 |
| DEC. | 1 | 4 | 14 | 14 | 2 | 3 | 6 | 0 | 6 | 5 | 2 | 2 |
| TOTAL | <u>33</u> | <u>16</u> | <u>28</u> | <u>46</u> | <u>37</u> | <u>23</u> | <u>26</u> | <u>25</u> | <u>21</u> | <u>22</u> | <u>28</u> | <u>18</u> |

FIRE DEATH STATISTICS
(By Age)

| <u>YEAR</u> | <u>TOTAL</u> | <u>6 and UNDER</u> | <u>age 7 to 17</u> | <u>age 18 to 30</u> | <u>age 31 to 50</u> | <u>age 51 to 70</u> | <u>age OVER 70</u> |
|-------------|--------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|
| 1972 | 46 | 11 | 7 | 7 | 12 | 4 | 5 |
| 1973 | 38 | 12 | 6 | 6 | 5 | 10 | 1 |
| 1974 | 21 | 7 | 3 | 1 | 3 | 5 | 2 |
| 1975 | 33 | 13 | 5 | 3 | 3 | 9 | 0 |
| 1976 | 16 | 3 | 1 | 3 | 2 | 3 | 4 |
| 1977 | 28 | 5 | 2 | 5 | 7 | 6 | 2 + 1-Unknown |
| 1978 | 46 | 11 | 8 | 5 | 13 | 6 | 3 |
| 1979 | 36 | 6 | 4 | 6 | 4 | 7 | 9 + 1-Unknown |
| 1980 | 23 | 8 | 2 | 2 | 7 | 3 | 1 |
| 1981 | 26 | 10 | 1 | 7 | 3 | 3 | 1 + 1- Unknown |
| 1982 | 25 | 5 | 6 | 2 | 4 | 7 | 0 |
| 1983 | 21 | 2 | 1 | 2 | 9 | 3 | 2 + 2- Unknown |
| 1984 | 22 | 2 | 5 | 2 | 5 | 7 | 1 |
| 1985 | 28 | 2 | 7 | 5 | 11 | 2 | 0 + 1- Unknown |
| 1986 | 18 | 0 | 0 | 3 | 6 | 5 | 3 + 1- Unknown |

(9)

MULTIPLE ALARMS

| <u>MONTH</u> | <u>1972</u> | <u>1973</u> | <u>1974</u> | <u>1975</u> | <u>1976</u> | <u>1977</u> | <u>1978</u> | <u>1979</u> | <u>1980</u> | <u>1981</u> | <u>1982</u> | <u>1983</u> | <u>1984</u> | <u>1985</u> | <u>1986</u> |
|--------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| JAN. | 13 | 5 | 5 | 4 | 7 | 7 | 10 | 10 | 5 | 14 | 10 | 6 | 8 | 7 | 4 |
| FEB. | 4 | 5 | 5 | 0 | 6 | 6 | 9 | 15 | 13 | 5 | 10 | 0 | 6 | 7 | 10 |
| MAR. | 7 | 7 | 4 | 6 | 4 | 4 | 5 | 8 | 7 | 4 | 7 | 3 | 8 | 11 | 7 |
| APR. | 16 | 6 | 5 | 12 | 4 | 4 | 15 | 11 | 14 | 13 | 3 | 1 | 3 | 3 | 5 |
| MAY. | 8 | 9 | 6 | 11 | 4 | 14 | 5 | 7 | 12 | 19 | 8 | 7 | 5 | 5 | 4 |
| JUNE | 4 | 9 | 6 | 4 | 8 | 4 | 14 | 6 | 4 | 7 | 4 | 6 | 5 | 3 | 6 |
| JULY | 9 | 7 | 5 | 5 | 2 | 15 | 12 | 3 | 10 | 10 | 6 | 8 | 3 | 4 | 6 |
| AUG. | 8 | 8 | 9 | 3 | 3 | 7 | 10 | 1 | 9 | 11 | 6 | 5 | 5 | 4 | 3 |
| SEPT. | 3 | 9 | 10 | 3 | 3 | 2 | 7 | 5 | 4 | 6 | 8 | 2 | 7 | 4 | 1 |
| OCT. | 2 | 5 | 2 | 3 | 1 | 9 | 3 | 4 | 7 | 8 | 9 | 3 | 6 | 7 | 4 |
| NOV. | 4 | 8 | 10 | 0 | 8 | 2 | 8 | 7 | 10 | 3 | 6 | 5 | 4 | 4 | 5 |
| DEC. | 5 | 4 | 7 | 6 | 12 | 9 | 9 | 7 | 9 | 10 | 7 | 4 | 13 | 5 | 8 |
| TOTAL | 83 | 82 | 74 | 57 | 62 | 83 | 107 | 84 | 104 | 110 | 84 | 50 | 73 | 64 | 63 |

(10)

1986-MULTIPLE ALARM FIRES - 1986

| INCIDENT | DATE | TIME | STATION | ADDRESS | Bldg. SIZE / CLASS | ALARM |
|----------|---------|------|---------|--------------------------|-------------------------|-------|
| 00010 | JAN. 1 | 0232 | 4515 | 374- Hillside/Meeker | 5-St.Br. Apt. | 2nd. |
| 00182 | 4 | 1222 | 2152 | 98- Mulberry St. | 5-St.Br. Hotel | 2nd. |
| 01157 | 28 | 1034 | 1353 | 98- No.6th. St. | 5-St.Br. Apt. | 2nd. |
| 01161 | 28 | 1336 | 4478 | 404- Hawthorne Ave. | 3-St.Br. Dw. | 2nd. |
| 01421 | Feb. 4 | 1546 | 1121 | 68-70- Springfield Ave. | 5-St.Br. Office | 2nd. |
| 01478 | 6 | 0008 | 3156 | 88- Highland Ave. | 2-St.Br. Dw. | 2nd. |
| 01564 | 8 | 2010 | 3313 | 254- Mt.Prospect Ave. | 4-St.Br. Apt. | 2nd. |
| 01657 | 12 | 1008 | 4259 | 196- Ridgewood Ave. | 3-St.Br. Dw. | 3rd. |
| 01718 | 14 | 1512 | 1592 | 62-66- Isabella Ave. | 3- 2-St.Br. Dw. | 2nd. |
| 01797 | 16 | 2007 | 3855 | 351- Broad St. | 2- 3-St.Br. Apt. | 2nd. |
| 02090 | 25 | 1139 | 2537 | Int.Way/1-9 So. | 1-St.Br. Mfg.Plant. | 3rd. |
| 02113 | 25 | 2246 | 3573 | 53- Winthrop St. | 3-St.Br. Dw. | 2nd. |
| 02136 | 26 | 1440 | 1744 | 65- Manor Dr. | 14-St.Br. Apt. | 2nd. |
| 01890 | * 19 | 2248 | 2111 | 683-85- Broad St. | 3-St.Br. Clothing Store | 4th. |
| 02361 | Mar. 4 | 0311 | 2215 | 70- Springfield Ave. | 5-St.Br. Store | 2nd. |
| 02411 | 5 | 1049 | 1152 | 64- Richmond St. | 3-St.Br. Dw. | 2nd. |
| 02531 | 7 | 2332 | 4462 | 681-83- Springfield Ave. | 1-St.Br. Office | 2nd. |
| 02945 | 17 | 0353 | 4464 | 464-68- So.Orange Ave. | 3- 3-St.Br. Dw. | 2nd. |
| 02986 | 17 | 2229 | 5417 | 126-28- TICHENOR St. | 2- 3-St.Br. Dw. | 2nd. |
| 03638 | 31 | 1347 | 2352 | 23- Sherman Ave. | 3-St.Br. Dw. | 2nd. |
| 02674 | * 10 | 1139 | 1619 | 517-19- Sanford Ave. | 2- 3-St.Br. Dw. | 2nd. |
| 04101 | APR. 10 | 0049 | 5134 | 697- Market St. | 4-St.Br. School | 2nd. |
| 04099 | 10 | 0039 | 1315 | 182-86- 2nd. Ave. | 3- 2-St.Br. Dw. | 2nd. |
| 04236 | 13 | 0413 | 4525 | 940- Bergen St. | 3-St.Br. Dw. | 2nd. |
| 04287 | 13 | 2351 | 4462 | 761- So.17th. St. | 3-St.Br. Dw. | 2nd. |
| 04348 | 15 | 0007 | 1417 | 206- Roseville Ave. | 3-St.Br. Apt. | 2nd. |

1986- MULTIPLE ALARM FIRES- 1986

| INCIDENT | DATE | TIME | STATION | ADDRESS | BLDG-SIZE / CLASS | ALARM |
|----------|----------|------|---------|--------------------|-------------------------|--------|
| 05754 | MAY. 15 | 1416 | 2326 | 54- Parkhurst | 3-St. Fr. Rooming House | 432 |
| 05767 | 15 | 2153 | 3121 | 307½- Broad | 3-St. Fr. Dw. | 422-5 |
| 06037 | 21 | 0352 | 3218 | 1- Gouveneaur | 2-St. Br. Dw./w/B | 421 |
| 06439. | 29 | 0953 | 2929 | Frelinghuysen Ave. | 1&2-St. Br. Apt/w/B | 421 |
| 07080 | June 10 | 0226 | 1123 | 32-36- Sterling | 3-3-St. Br. Dw. | 422-5 |
| 07091 | 10 | 1022 | 3141 | 53- Clifton | 5-St. Br. Apt. | 423 |
| 07127 | 10 | 2256 | 1477 | 395- So.9th. | 3-St. Fr. Dw. | 422 |
| 07570 | 18 | 1838 | 4261 | 766-768- Bergen | 2-St. Fr. Dw. | 414 |
| 08201 | 28 | 1838 | 3134 | Branch Brk. Pk. | 1-St. Br. Skating Rink | 114 |
| 08269 | 29 | 1925 | 3228 | 41-3-5- Broad | 3-3-St. Fr. Dw. | 422-5 |
| 08421 | JULY 2 | 0338 | 2851 | 50- Park | 16-St. Br. Hotel | 445 |
| 08670 | 6 | 0518 | 4236 | 412- Clinton | 3-St. Fr. Dw. | 422 |
| 08782 | 7 | 2333 | 1436 | 437- So.11th. | 3-St. Fr. Dw. | 422-5 |
| 08919 | 10 | 1522 | 3229 | 7-9-11- Broad | 4-St. Br. Apt. | 424-5 |
| 08953 | 11 | 0402 | 5148 | 41-43- Joseph | 1-St. Fr. Market | 513 |
| 09683 | 26 | 1756 | 2244 | 352- Washington | 3-St. Br. Dw. | 422 |
| 10584 | Aug. 14 | 2333 | 4443 | 740- So.19th. | 3-St. Fr. Dw. | 422 |
| 11198 | 29 | 2233 | 1331 | 3-5- Fairmount | 4-St. Br. Apt. | 424-5 |
| 11210 | 30 | 0305 | 2235 | 18- W.Kinney | 4-St. Br. Apt. | 423 |
| 12312 | Sept. 22 | 0440 | 5158 | 200- Raymond | Ind.Plant Yard/Trailer | 984/15 |
| | | | | Bldg. | | 2nd. |

1986- MULTIPLE ALARM FIRES -1986

| INCIDENT | DATE | TIME | STATION | ADDRESS | BLDG. SIZE/CLASS | ALARM |
|----------|------|---------|---------|--------------------|----------------------|-------|
| 12863 | OCT. | 5 0451 | 2227 | 57-61- Columbia | 3-3-St.Fr. Dw. | 2nd. |
| 12866 | | 5 0536 | 4451 | 509-11- Avon | 2-3-St.Fr. Dw. | 2nd. |
| 13430 | | 16 1857 | 2217 | 74-76- Shipman | 2-2-St.Br. Ret.Store | 2nd. |
| 13828 | | 24 2223 | 4467 | 546- Springfield | 3-St.Br. Dw. | 2nd. |
| 14781 | NOV. | 13 2317 | 3535 | 821½- Ridge | 3-2-St.Fr. Dw. | 2nd. |
| 14808 | | 15 1543 | 3421 | 329 - Park | 4-St.Br. Apt. | 2nd. |
| 15261 | | 25 0433 | 3234 | 455- Summer | 4-St.Br. Dw./WB. | 3rd. |
| 15409 | | 28 1831 | 3118 | 368- Broad | 2-St.Br. Fctry. | 2nd. |
| 15492 | | 30 2203 | 1327 | 58-62- No.6th. | 3-3-St.Fr. Dw. | 2nd. |
| 15612 | Dec. | 4 0001 | 2321 | 476-78- Washington | 4-St.Br. Whs. | 3rd. |
| 15994 | | 13 1720 | 1335 | 79- Littleton | 2-St.Fr. Dw. | 2nd. |
| 15306 | | 18 1243 | 5243 | 315- Lafayette | 3-St.Fr. Dw. | 2nd. |
| 16347 | | 22 0147 | 3513 | 665- Mt.Prospect | 4-St.Br. Apt. | 2nd. |
| 16364 | | 22 1402 | 5115 | 51- Ferry | 3-St.Fr. Dw./WB. | 2nd. |
| 16382 | | 22 1828 | 3235 | 42- Lincoln | 3-St.Br. Dw. | 2nd. |
| 16617 | | 23 1610 | 4445 | 50-52- St.James | 2- 2-St.Br. Dw. | 2nd. |
| 16788 | | 31 1732 | 3434 | 283- First | 3-St.Br. Apt. | 3rd. |

(13)

TOTAL MULTIPLE ALARM FIRES

| | |
|-----------------|----|
| 2nd.Alarm ----- | 55 |
| 3rd.Alarm----- | 7 |
| Total | 62 |

HIGH RISE BUILDING REPORT

N.H.A.

| | ACTUAL FIRES | INCINERATOR COMPACTOR | FALSE ALARM | OTHER | TOTAL RESPONSE |
|------------------------|-----------------|--------------------------|----------------|-------|-------------------|
| BAXTER APTS. ----- | 1 | 0 | 0 | 1 | 2 |
| BAXTER ELDERLY----- | 0 | 0 | 0 | 0 | 0 |
| BRADLEY COURT ----- | 0 | 0 | 0 | 0 | 0 |
| COLUMBUS HOMES----- | 26 | 4 | 4 | 58 | 92 |
| FELIX FULD ----- | 1 | 0 | 1 | 5 | 7 |
| HAYES HOMES ----- | 22 | 2 | 1 | 28 | 53 |
| HAYES ELDERLY----- | 0 | 0 | 0 | 0 | 0 |
| HYATT COURT ----- | 0 | 0 | 0 | 0 | 0 |
| KRETCHMER HOMES ----- | 26 | 1 | 8 | 79 | 114 |
| KRETCHMER ELDERLY---- | 0 | 0 | 0 | 2 | 2 |
| PENNINGTON COURT----- | 1 | 0 | 0 | 0 | 1 |
| ROOSEVELT HOMES ----- | 0 | 0 | 0 | 0 | 0 |
| SCUDDER HOMES ----- | 21 | 1 | 1 | 22 | 45 |
| SCUDDER ELDERLY----- | 0 | 0 | 0 | 0 | 0 |
| SETH BOYDEN COURT----- | 2 | 0 | 0 | 3 | 5 |
| SETH BOYDEN ELDERLY-- | 0 | 0 | 0 | 0 | 0 |
| STEPHEN CRANE ----- | 0 | 0 | 0 | 0 | 0 |
| STEPHEN CRANE ELDERLY | 2 | 0 | 0 | 0 | 2 |
| WALSH HOMES ----- | 8 | 0 | 0 | 9 | 17 |
| WALSH ELDERLY----- | 0 | 0 | 0 | 0 | 0 |
| WRIGHT ----- | 68 | 11 | 15 | 71 | 165 |
| TOTAL ----- | 178 | 19 | 30 | 278 | 505 |
| OTHER THAN N.H.A | 43 | 27 | 7 | 133 | 210 |

ELEMENTARY SCHOOL (cont.)

| | ACTUAL FIRES | FALSE ALARM | ALARM MALF. | OTHER INCIDENT | TOTAL RESPONSE |
|--------------------------|-----------------|----------------|----------------|-------------------|-------------------|
| SUSSEX AVE. ANNEX----- | 0 | 0 | 0 | 0 | 0 |
| THIRTEENTH AVE. ----- | 3 | 28 | 9 | 1 | 41 |
| WARREN ST. ----- | 0 | 3 | 5 | 1 | 9 |
| WEST KINNEY MIDDLE----- | 2 | 0 | 2 | 1 | 5 |
| DR. WILLIAM HORTON ----- | 0 | 6 | 3 | 0 | 9 |
| WILSON AVE.----- | 0 | 7 | 8 | 0 | 15 |

JUNIOR HIGH SCHOOL

| | | | | | |
|---------------------------|---|---|---|---|---|
| BROADWAY JUNIOR HIGH----- | 1 | 4 | 1 | 3 | 9 |
|---------------------------|---|---|---|---|---|

SENIOR HIGH SCHOOL

| | | | | | |
|--------------------------|---|----|----|---|-----|
| ARTS HIGH----- | 0 | 3 | 12 | 0 | 15 |
| BARRINGER HIGH----- | 2 | 17 | 21 | 4 | 44 |
| BARRINGER PREP.----- | 0 | 1 | 4 | 2 | 7 |
| CENTRAL HIGH ----- | 1 | 8 | 8 | 1 | 18 |
| EAST SIDE ----- | 1 | 30 | 71 | 1 | 103 |
| ED. CTR. for YOUTH ----- | 0 | 0 | 0 | 0 | 0 |
| M.X. SHABAZZ ----- | 2 | 13 | 41 | 3 | 59 |
| NEWARK EVENING HIGH----- | 0 | 0 | 0 | 0 | 0 |
| SCIENCE HIGH ----- | 0 | 2 | 0 | 0 | 2 |
| UNIVERSITY HIGH----- | 0 | 1 | 12 | 1 | 14 |
| VAILSBURG HIGH----- | 8 | 11 | 9 | 4 | 32 |
| WEEQUAHIC ----- | 1 | 11 | 8 | 1 | 21 |
| WEST SIDE ----- | 0 | 2 | 7 | 0 | 9 |

PROFESSIONAL ART SCHOOL
POST HIGH SCHOOL LEVEL

| | | | | | |
|--|---|---|---|---|---|
| NEWARK SCHOOL of FINE & INDUSTRIAL ART----- | 0 | 0 | 0 | 0 | 0 |
|--|---|---|---|---|---|

NEWARK PUBLIC SCHOOLS

ELEMENTARY SCHOOL

| | ACTUAL FIRES | FALSE ALARM | ALARM MALF. | OTHER INCIDENT | TOTAL RESPONSE |
|------------------------|-----------------|----------------|----------------|-------------------|-------------------|
| ABINGTON AVE.----- | 0 | 7 | 6 | 2 | 15 |
| ALEXANDER ST.----- | 0 | 7 | 12 | 0 | 19 |
| ANN STREET ----- | 0 | 0 | 5 | 1 | 6 |
| AVON AVE.----- | 0 | 5 | 9 | 2 | 16 |
| BELMONT RUNYON----- | 1 | 0 | 0 | 0 | 1 |
| BERGEN ST.----- | 1 | 8 | 6 | 1 | 16 |
| BRAGAW AVE.----- | 1 | 8 | 1 | 4 | 14 |
| BROADWAY ----- | 2 | 15 | 15 | 0 | 32 |
| BURNET ST.----- | 1 | 8 | 7 | 3 | 19 |
| CAMDEN ST.----- | 1 | 7 | 2 | 4 | 14 |
| CAMDEN MIDDLE ----- | 0 | 1 | 8 | 2 | 11 |
| CHANCELLOR AVE.----- | 0 | 4 | 5 | 1 | 10 |
| CHANCELLOR AVE.ANNEX-- | 0 | 0 | 0 | 0 | 0 |
| CLEVELAND ----- | 0 | 14 | 11 | 3 | 28 |
| CLINTON AVE.----- | 0 | 0 | 8 | 0 | 8 |
| DAYTON ST.----- | 0 | 4 | 4 | 4 | 12 |
| EIGHTEENTH AVE.----- | 0 | 6 | 17 | 3 | 25 |
| ELLIOT ST. ----- | 0 | 1 | 4 | 0 | 5 |
| FIFTEENTH AVE.----- | 0 | 15 | 31 | 0 | 46 |
| FIRST AVE. ----- | 0 | 2 | 4 | 0 | 6 |
| FOURTEENTH AVE.----- | 0 | 4 | 1 | 1 | 6 |
| FRANKLIN ----- | 1 | 5 | 2 | 4 | 12 |
| G.W.CARVER ----- | 0 | 19 | 13 | 2 | 34 |
| HARRIET TUBMAN ----- | 0 | 2 | 2 | 2 | 6 |
| HAWKINS ST.----- | 0 | 5 | 13 | 4 | 22 |
| HAWTHORNE AVE.----- | 0 | 2 | 3 | 0 | 5 |
| LAFAYETTE ST ----- | 1 | 1 | 4 | 1 | 7 |
| LAFAYETTE ST ----- | 0 | 0 | 0 | 0 | 0 |
| LINCOLN ----- | 0 | 1 | 1 | 1 | 3 |
| L.A.SPENCER ----- | 0 | 3 | 6 | 3 | 12 |
| MADISON ----- | 0 | 7 | 2 | 0 | 7 |
| MAPLE AVE.----- | 0 | 4 | 7 | 0 | 11 |
| DR. M.L.KING JR.----- | 0 | 11 | 7 | 7 | 25 |
| McKINLEY ----- | 0 | 8 | 3 | 6 | 17 |
| MILLER ST.----- | 0 | 1 | 5 | 0 | 6 |
| MORTON ST.----- | 0 | 13 | 9 | 3 | 25 |
| Mt.VERNON ----- | 0 | 5 | 4 | 2 | 11 |
| NEWTON ST.----- | 0 | 10 | 4 | 0 | 14 |
| OLIVER ST.----- | 1 | 3 | 15 | 2 | 21 |
| PESHINE AVE.QUITMAN--- | 1 | 0 | 7 | 0 | 8 |
| RIDGE ST.----- | 0 | 0 | 4 | 0 | 4 |
| ROBERTO CLEMENTE----- | 0 | 5 | 25 | 1 | 31 |
| ROBERTO CLEMENTE ANNEX | 0 | 0 | 0 | 0 | 0 |
| ROSEVILLE AVE.----- | 0 | 0 | 1 | 0 | 1 |
| SOUTH ST.----- | 0 | 0 | 2 | 0 | 2 |
| SO.17th.STREET ----- | 3 | 16 | 13 | 2 | 34 |
| SPEEDWAY ----- | 0 | 2 | 1 | 0 | 3 |
| SUSSEX AVE.----- | 0 | 10 | 8 | 2 | 20 |
| OTHER ----- | 0 | 1 | 1 | 0 | 2 |

SPECIAL SCHOOLS

| | ACTUAL FIRES | FALSE ALARM | ALARM MALF. | OTHER INCIDENT | TOTAL RESPONSE |
|--|-----------------|----------------|----------------|-------------------|-------------------|
| FLOYD PATTERSON ----- | 0 | 0 | 0 | 0 | 0 |
| MONTGOMERY STREET----- | 3 | 21 | 5 | 0 | 29 |
| ARLINGTON AVE.----- | 0 | 0 | 0 | 1 | 1 |
| BOYLAN STREET ----- | 0 | 0 | 3 | 0 | 3 |
| BRANCHBROOK----- | 0 | 0 | 0 | 2 | 2 |
| BRUCE STREET ----- (at G.W.Carver) | 0 | 0 | 0 | 0 | 0 |
| CHESTNUT ST.----- | 0 | 0 | 1 | 0 | 1 |
| HELEN A. KELLER ----- (at.L.A.Spencer) | 0 | 0 | 0 | 0 | 0 |
| JOHN F.KENNEDY ----- | 0 | 0 | 5 | 1 | 6 |
| SAMUEL L. BERLINER ----- | 0 | 0 | 0 | 0 | 0 |
| Harold Wilson ----- | 0 | 5 | 0 | 0 | 5 |
| N.J. Regional Day ----- | 0 | 3 | 7 | 0 | 10 |
| TOTALS ----- (All Schools Combined) | 38 | 428 | 567 | 99 | 1,132 |

| 1- PASSENGER ROAD VEHICLES | TOTAL |
|--|-------|
| 11. Automobile ----- | 1,957 |
| 12. Bus ----- | 15 |
| 13. Motorcycle, golf cart, snowmobile ----- | 8 |
| 14. Motor home, bookmobile etc. ----- | 1 |
| 15. Travel trailer ----- | 8 |
| 16. Camping trailer ----- | 60 |
| 17. Mobile home ----- | 0 |
| 2- FREIGHT ROAD TRANSPORT VEHICLES | |
| 21. Trucks over 1-ton, general use ----- | 43 |
| 22. Truck under 1-ton-general use----- | 39 |
| 23. Semi-trailer truck ----- | 8 |
| 24. Tank truck- non-flamm.cargo----- | 0 |
| 25. Tank truck- flamm/comb.cargo ----- | 0 |
| 26. Tank truck-compressed gas/L.P. gas ----- | 0 |
| 27. Trash truck ----- | 6 |
| 3- RAIL TRANSPORTATION VEHICLES | |
| 31. Passenger, diner car ----- | 1 |
| 32. Freight, box car ----- | 2 |
| 33. Tank car ----- | 0 |
| 34. Container, piggy back car. ----- | 0 |
| 35. Locomotive, engine ----- | 0 |
| 36. Self-powered car ----- | 0 |
| 37. Maintenance equipment car ----- | 0 |
| 4- WATER TRANSPORT VESSELS | |
| 41. Motor craft (under 65 ft.) ----- | 0 |
| 42. Vessel (over 65 ft.under 1000 tons) ----- | 0 |
| 43. Passenger ship ----- | 0 |
| 44. Tank ship ----- | 0 |
| 45. Combat ship ----- | 0 |
| 46. Cargo ship (other than above)----- | 2 |
| 47. Vessels without power ----- | 0 |
| 48. Commercial fishing vessels ----- | 0 |
| 6- HEAVY EQUIPMENT | |
| 61. Earth moving -bulldozer, graders etc.----- | 2 |
| 7- SPECIAL VEHICLES, CONTAINERS | |
| 72. Dumpsters ----- | 384 |

E-FIRES-AREA OF ORIGIN

0. MEANS OF EGRESS

| | TOTAL |
|--|-------|
| 01. Hallway, corridor, mall ----- | 95 |
| 02. Exterior stairway, fire escape ----- | 10 |
| 03. Interior stairway, ramp ----- | 14 |
| 04. Escalator ----- | 0 |
| 05. Lobby, entrance way ----- | 9 |

1. ASSEMBLY, SALES AREA

| | |
|--|---|
| 11. Large area w/fixed seats (100 or more) ----- | 2 |
| 12. Large open room w-o fixed seats ----- | 0 |
| 13. Small area less than 100 ----- | 0 |
| 14. Lounge area, living room-den etc. ----- | 7 |
| 15. Sales, showroom, shop area ----- | 0 |
| 16. Library ----- | 0 |

2. FUNCTIONAL AREA

| | |
|---|----|
| 21. Sleeping room under 5 persons ----- | 63 |
| 22. Sleeping area for 5 or more persons ----- | 2 |
| 23. Dining area, lunchroom, cafeteria ----- | 3 |
| 24. Kitchen, cooking area ----- | 30 |
| 25. Lavatory, locker room, cloakroom ----- | 7 |
| 26. Laundry room ----- | 6 |
| 27. Office ----- | 2 |
| 28. Personal service area, health club etc. ----- | 8 |

.3. FUNCTIONAL AREA (continued)

| | |
|---|---|
| 31. Laboratory ----- | 0 |
| 32. Printing/photo room ----- | 0 |
| 33. First aid treatment area ----- | 0 |
| 35. Electrical/data processing area ----- | 0 |
| 36. Stage, dressing room area ----- | 0 |
| 37. Projection room ----- | 0 |
| 38. Process, mfg., workroom area ----- | 0 |

4. STORAGE AREA

| | |
|--|-----|
| 41. Storage tank or bin ----- | 0 |
| 42. Closet ----- | 13 |
| 43. Supply storage room ----- | 8 |
| 44. Record storage room, vault ----- | 2 |
| 46. Trash, rubbish/area, container ----- | 117 |
| 45. Shipping, receiving area ----- | 0 |
| 47. Garage, carport ----- | 45 |

E-5. SERVICE FACILITIES

| | <u>TOTAL</u> |
|--------------------------------|--------------|
| 51. Elevator, dumbwaiter ----- | 27 |
| 52. Utility shaft ----- | 9 |
| 53. Light shaft ----- | 0 |
| 54. Chute, laundry-mail ----- | 4 |
| 55. Duct, heat-air cond. ----- | 5 |
| 56. Display window ----- | 0 |
| 57. Chimney ----- | 5 |
| 58. Conveyor ----- | 2 |

6. SERVICE, EQUIPMENT AREA

| | |
|----------------------------------|----|
| 61. Machinery room ----- | 0 |
| 62. Heating equipment room ----- | 2 |
| 64. Incinerator room ----- | 10 |
| 65. Maintenance shop, ----- | 2 |

7. STRUCTURAL AREA

| | |
|--|----|
| 72. Open porch ----- | 13 |
| 74. Concealed ceiling/roof space ----- | 31 |
| 75. Concealed wall space ----- | 0 |
| 76. Exterior wall surface ----- | 16 |
| 77. Exterior roof surface ----- | 47 |
| 78. Awning ----- | 3 |

8. TRANSPORTATION, VEHICLE AREA

| | |
|--------------------------------|-------|
| 81. Passenger area ----- | 522 |
| 82. Trunk area ----- | 91 |
| 83. Engine area ----- | 395 |
| 84. Fuel tank, line area ----- | 10 |
| 85. Control area ----- | 7 |
| 86. Exterior area ----- | 58 |
| 89. N.C.A-Fully Involved----- | 1,178 |

9. OTHER AREA OF ORIGIN

| | |
|--|----|
| 91. On or near Railroad/right of way ----- | 80 |
| 92. On or near Highway/public way----- | 79 |
| 94. Lawn/Field/Parks ----- | 43 |

F. EQUIPMENT INVOLVED IN IGNITION

TOTAL

1- HEATING SYSTEM

| | |
|--|---|
| 11. Central heating unit ----- | 5 |
| 12. Water heater ----- | 1 |
| 13. Fixed, stationary local heating unit ----- | 0 |
| 14. Indoor Fireplace ----- | 0 |
| 15. Portable local heating unit ----- | 6 |
| 16. Chimney, Vent, Flue ----- | 5 |
| 17. Chimney connector, vent, connectors ----- | 0 |
| 18. Heat transfer system ----- | 0 |

2- COOKING EQUIPMENT

| | |
|--|----|
| 21. Fixed, stationary surface unit ----- | 64 |
| 22. Fixed, stationary ovens, rotisseries ----- | 2 |
| 23. Fixed, stationary food warmers ----- | 1 |
| 24. Deep-fat fryer ----- | 0 |
| 25. Portable cooking, warming unit ----- | 4 |
| 26. Open fired grill ----- | 2 |
| 27. Grease hood, duct ----- | 2 |

3-AIR CONDITIONING, REFRIGERATION EQUIP.

| | |
|--|---|
| 31. Central air cond. refrigeration ----- | 0 |
| 32. Water cooling device ----- | 0 |
| 33. Fixed, stationary local refrig. unit ----- | 0 |
| 34. Fixed, stationary local air cond. unit ----- | 1 |
| 35. Portable air cond. refrig. unit ----- | 0 |

4- ELECTRICAL DISTRIBUTION EQUIP.

| | |
|--|---|
| 41. Fixed wiring ----- | 3 |
| 42. Transformer, associated overcurrent equip. ----- | 2 |
| 43. Meter, meter box ----- | 1 |
| 44. Panelboard, switchboards, fuses ----- | 3 |
| 45. Switch, receptacle, outlet ----- | 2 |
| 46. Ballast, light fixture, sign ----- | 1 |
| 47. Cord, plug ----- | 2 |
| 48. Lamp, light bulb ----- | 1 |

| | TOTAL |
|---|-------|
| 5- APPLIANCE, EQUIPMENT | |
| 51- Television, radio, tape recorder ----- | 3 |
| 52- Dryer ----- | 9 |
| 53- Washing machine ----- | 3 |
| 55- Motor, generator ----- | 23 |
| 56- Hand tool, soldering iron ----- | 0 |
| 57- Electric blanket, steam iron ----- | 0 |
| 59- Dishwasher ----- | 1 |
| 6- SPECIAL EQUIPMENT | |
| 61. Electronic- X-ray, computer ----- | 0 |
| 62. Vending machine ----- | 0 |
| 63. Office machine ----- | 2 |
| 64. Biomedical equipment, device ----- | 0 |
| 65. Pump, compressor ----- | 1 |
| 66. Internal combustion engine ----- | 0 |
| 67. Conveyor ----- | 0 |
| 68. Printing press ----- | 0 |
| 7- PROCESSING EQUIPMENT | |
| 71. Furnace, oven, kiln ----- | 4 |
| 72. Casting, molding equip. ----- | 0 |
| 73. Heat treating equip. ----- | 0 |
| 75. Coating, asphalt - rubber ----- | 0 |
| 76. Painting, dipping, spraying ----- | 0 |
| 77. Chemical process, digesters, reactors ----- | 1 |
| 78. Waste recovery equip. ----- | 0 |
| 8- SERVICE, MAINTENANCE EQUIPMENT | |
| 81. Incinerator ----- | 80 |
| 84. Tar pot ----- | 4 |
| 85. Arc, oil lamp ----- | 0 |
| 86. Elevator ----- | 0 |
| 87. Torches, cutting, welding ----- | 3 |

G-FORM OF HEAT OF IGNITION

1-HEAT FROM FUEL-FIRED,FUEL-POWERED EQUIP.(Gas-Liq.)

TOTAL

| | |
|---|---|
| 11. Spark,heat from cutting torch ----- | 3 |
| 12. Spark,heat from welding torch ----- | 2 |
| 14. Spark,flame escaping from gas fueled equip.----- | 0 |
| 16. Spark,flame escaping from liquid fueled equip.----- | 0 |

2-HEAT FROM FUEL-FIRED,FUEL POWERED EQUIP.(Solid fuel

| | |
|---|---|
| 21. Spark from wood/paper fueled equip. ----- | 3 |
| 22. Heat from wood/paper fueled equip. ----- | 0 |
| 26. Heat from other solid fueled equip. ----- | 2 |

3-HEAT FROM ELECTRICAL EQUIPMENT

| | |
|--|---|
| 31. Water caused short circuit ----- | 8 |
| 32. Short circuit from mechanical damage ----- | 0 |
| 33. Short circuit from defective insulation----- | 2 |
| 34. Short circuit arc unspecified ----- | 0 |
| 37. Heat from overloaded equipment ----- | 8 |

4-HEAT FROM HOT OBJECT

| | |
|--|----|
| 41. Heat,spark from friction ----- | 2 |
| 43. Hot ember ash ----- | 0 |
| 45. Rekindle,reignition----- | 38 |
| 47. Heat fromimproperly operated elect.equip.----- | 0 |

5-HEAT FROM EXPLOSIVE,FIREWORKS

| | |
|-----------------------------|---|
| 51. Munitions ----- | 0 |
| 53. Blasting agent ----- | 0 |
| 54. Fireworks ----- | 0 |
| 56. Incendiary device ----- | 0 |

G-(cont.)

6- HEAT FROM OTHER OPEN FLAME, SPARKS, SMOKING MAT.

TOTAL

| | |
|--|---|
| 61. Cigarette ----- | 8 |
| 62. Cigar ----- | 0 |
| 63. Pipe ----- | 0 |
| 65. Match, Lighter ----- | 3 |
| 66. Candle, taper ----- | 8 |
| 67. Warning flare, Fuses ----- | 0 |
| 68. Backfire from internal combustion engine ----- | 0 |

7- HEAT FROM NATURAL SOURCE

| | |
|---|---|
| 71. Sun's heat ----- | 0 |
| 72. Spontaneous ignition, Chem. reaction----- | 0 |
| 73. Lightning discharge ----- | 0 |
| 74. Static discharge ----- | 0 |

8- HEAT FROM ANOTHER HOSTILE FIRE(exposure)

| | |
|---|---|
| 81. Heat from direct flame ----- | 0 |
| 82. Radiated heat ----- | 0 |
| 83. Heat from flying brand, ember ----- | 2 |
| 84. Conducted heat ----- | 0 |
| 89. Not classified above ----- | 0 |

9- OTHER FORM OF HEAT OF IGNITION

| | |
|--|---|
| 97. Multiple form of heat of ignition----- | 0 |
| 99. Form of heat of ignition not classified above--- | 0 |

1- STRUCTURAL COMPONENT, FINISH

| | <u>TOTAL</u> |
|--|--------------|
| 11. Exterior roof covering ----- | 0 |
| 12. Exterior sidewall covering ----- | 10 |
| 13. Exterior trim, door, porch ----- | 21 |
| 14. Floor covering, tile, carpet, rug ----- | 2 |
| 15. Interior wall covering ----- | 27 |
| 16. Ceiling covering, acoustic tile etc. ----- | 19 |
| 17. Structural members, framing ----- | 2 |
| 18. Thermal insulation within wall ----- | 7 |

2- FURNITURE

| | |
|--|----|
| 21. Upholstered sofa, chair ----- | 39 |
| 22. Non-upholstered chair, bench ----- | 6 |
| 23. Cabinetry, chest, bookcase ----- | 7 |
| 24. Ironing board ----- | 1 |
| 25. Appliance housing or casing ----- | 2 |

3- SOFT GOODS, WEARING APPAREL

| | |
|---|-----|
| 31. Mattress, pillow ----- | 161 |
| 32. Bedding, blanket, sheet ----- | 4 |
| 33. Linen other than bedding ----- | 3 |
| 34. Wearing apparel not on person ----- | 16 |
| 35. Wearing apparel on person ----- | 2 |
| 36. Curtain, blind, drapery ----- | 2 |
| 38. Luggage ----- | 1 |

4- ADORNMENT, RECREATIONAL MATERIAL

| | |
|---|---|
| 41. Christmas tree ----- | 2 |
| 42. Decoration for special events ----- | 0 |
| 43. Book ----- | 0 |
| 44. Magazine, newspaper etc. ----- | 5 |
| 45. Toy, games ----- | 0 |
| 46. Awning, canopy ----- | 2 |
| 47. Tarpaulin, tent ----- | 0 |

5-SUPPLIES, STOCK

TOTAL

| | |
|-------------------------------------|----|
| 51.Box, carton, bag ----- | 5 |
| 52.Basket, barrel ----- | 11 |
| 53.Pallet, skid ----- | 2 |
| 55.Packing, wrapping material ----- | 0 |
| 54.Rope, cord, twine ----- | 0 |
| 56.Bale storage ----- | 2 |
| 57.Bulk storage ----- | 2 |
| 58.Cleaning supplies ----- | 2 |

6-POWER TRANSFER EQUIPMENT, FUEL

| | |
|--------------------------------------|----|
| 61.Electrical wire, insulation ----- | 9 |
| 62.Transformer ----- | 8 |
| 63.Conveyor belt, drive belt ----- | 2 |
| 64.Tire ----- | 26 |
| 65.Fuel ----- | 3 |

7-GENERAL FORM

| | |
|-------------------------------------|-------|
| 71.Agricultural prod.----- | 0 |
| 72.Fence, pole ----- | 0 |
| 73.Fertilizer ----- | 0 |
| 74.Growing form, brush, grass ----- | 64 |
| 75.Rubbish, trash ----- | 1,784 |
| 76.Cooking material ----- | 602 |
| 77.Sign ----- | 1 |

8-SPECIAL FORM

| | |
|---|---|
| 81.Dust, fiber, lint ----- | 2 |
| 82.Pyrotechnics, explosives ----- | 0 |
| 83.Atomized, vaporized liquid ----- | 0 |
| 84.Chips ----- | 0 |
| 85.Palletized material ----- | 0 |
| 86.Gas, liquid from pipe or container ----- | 1 |
| 87.Rolled material ----- | 0 |
| 88.Adhesive ----- | 0 |

9-OTHER FORM OF MATERIAL

| | |
|------------------------|----|
| 91.Railroad ties ----- | 40 |
|------------------------|----|

HB- TYPE OF MATERIAL FIRST IGNITED

0- WOOD CELLULOSE-NATURAL OCCURRING.

| | <u>TOTAL</u> |
|----------------------|--------------|
| 01. Grass ----- | 15 |
| 02. Leaves ----- | 26 |
| 03. Duff ----- | 0 |
| 04. Peat ----- | 0 |
| 05. Tree/Brush ----- | 506 |
| 06. Snag ----- | 2 |
| 07. Logs ----- | 0 |
| 08. Slash ----- | |

1- GAS

| | |
|---|---|
| 11. Natural Gas ----- | 5 |
| 12. L.P. City Gas ----- | 0 |
| 13. Manufactured Gas ----- | 5 |
| 14. L.P. Gas ----- | 0 |
| 15. Anesthetic Gas ----- | 0 |
| 16. Acetylene Gas ----- | 0 |
| 17. Special Gas other than Anesthetic ----- | 0 |
| 18. Hydrogen Gas ----- | 0 |

2- FLAMMABLE COMBUSTIBLE LIQUIDS

| | |
|--|---|
| 21. Class 1A Flammable liquids ----- | 1 |
| 22. Class 1B Flammable liquids ----- | 0 |
| 23. Gasoline ----- | 8 |
| 25. Class 11 Combustible liquids ----- | 2 |

3- VOLATILE SOLIDS, CHEMICAL

| | |
|---|----|
| 31. Grease, fat (food) ----- | 1 |
| 32. Grease (non-food) ----- | 0 |
| 33. Polish, paraffin, wax ----- | 0 |
| 34. Adhesive, resin, tar ----- | 1 |
| 35. Applied paint, varnish ----- | 1 |
| 36. Combustible material, magnesium ----- | 16 |
| 37. Solid Chemical ----- | 0 |

HB- TYPE OF MATERIAL FIRST IGNITED (cont.)

| | <u>TOTAL</u> |
|--|--------------|
| 4. PLASTICS | |
| 41. Rigid ----- | 2 |
| 42. Foam ----- | 0 |
| 43. Flexible ----- | 2 |
| 45. Film plastics ----- | 0 |
| 5. NATURAL PRODUCTS | |
| 51. Rubber ----- | 4 |
| 52. Cork ----- | 0 |
| 53. Leather ----- | 0 |
| 54. Grass, leaves, hay, straw ----- | 41 |
| 55. Grain, feathers, flax, hemp ----- | 0 |
| 56. Coal, coke, briquettes ----- | 0 |
| 57. Food starch ----- | 0 |
| 58. Tobacco ----- | 0 |
| 6. WOOD, PAPER | |
| 61. Growing wood ----- | 4 |
| 62. Felled but unsawn wood ----- | 12 |
| 63. Sawed wood, finished lumber ----- | 19 |
| 64. Wood shavings, sawdust ----- | 2 |
| 65. Hardboard, plywood ----- | 3 |
| 66. Fiberboard, pressboard-wood products ----- | 0 |
| 67. Paper, untreated, uncoated ----- | 34 |
| 68. Cardboard ----- | 16 |
| 7. FABRIC, TEXTILE, FURS | |
| 71. Man-made fiber, fabric ----- | 2 |
| 72. Cotton, rayon ----- | 4 |
| 73. Wool, wool mixture ----- | 0 |
| 74. Fur silk ----- | 0 |
| 75. Wig ----- | 1 |
| 76. Human Hair ----- | 1 |
| 8. MATERIAL COMPOUNDED WITH OIL | |
| 81. Linoleum ----- | 0 |
| 82. Oil cloth ----- | 0 |
| 83. Treated or coated paper ----- | 0 |
| 84. Waterproof canvas ----- | 4 |
| 85. Asphalt treated material ----- | |

(I) IGNITION FACTOR

(29)

TOTAL

| | |
|--|-----|
| 1- INCENDIARY | |
| 11- Incendiary ----- | 426 |
| 2- SUSPICIOUS | |
| 21- Suspicious----- | 301 |
| Undetermined----- | 501 |
| 3- MISUSE OF HEAT OF IGNITION | |
| 31-Abandoned,discarded,cigarettes,etc.----- | 6 |
| 33-Falling asleep ----- | 2 |
| 34-Inadequate control of open flame----- | 2 |
| 35-Cutting,welding,too close to ----- | 1 |
| 36-Children playing with----- | 6 |
| 4- MISUSE OF MATERIAL IGNITED | |
| 41-Fuel spilled accidentally----- | 3 |
| 44- Washing,cleaning parts w/Flamm.liquid----- | 1 |
| 46-Combustible too close to heat----- | 0 |
| 47-Improper storage----- | 0 |
| 5-MECHANICAL FAILURE,MALFUNCTION | |
| 51-Automatic control failure----- | 3 |
| 52-Manual control failure----- | 0 |
| 53-Short circuit----- | 36 |
| 6-DESIGN,CONSTRUCTION,INSTALLATION DEFICIENCY | |
| 63-Installation too close to combustibles----- | 5 |
| 64-Other installation deficiency----- | 4 |
| 7- OPERATIONAL DEFICIENCY | |
| 71-Collision,overturn----- | 9 |
| 74-Overload ----- | 4 |
| 76-Improper use for purpose not intended----- | 1 |
| 8- NATURAL CONDITION | |
| 84-Lightning ----- | 0 |
| 89-Not classified above----- | 0 |
| 9- OTHER IGNITION FACTOR | |
| 92-Rekindle from previous fire----- | 38 |
| 93-Exposure fire----- | 37 |
| 99-Not classified above----- | 0 |

J.C.A TYPE OF INCIDENT

2- OVERPRESSURE, OVERHEATING(no ensuing fire))

| | |
|-----------------------------|----|
| 21. Steam rupture----- | 76 |
| 22. Air,gas rupture----- | 32 |
| 29. Overheat,explosion----- | 4 |

3- RESCUE, EMERGENCY MEDICAL CALL

| | |
|---------------------------------|-----|
| 31. Medical assist----- | 24 |
| 32. Emergency medical call----- | 358 |
| 35. People trapped----- | 12 |

4- HAZARDOUS CONDITION, STANDBY

| | |
|-------------------------------------|-----|
| 41. Gas leak/Flamm.liq.spill----- | 57 |
| 44. Elect. arc/short----- | 418 |
| 45. Oilburner delayed ignition----- | 376 |
| 46. Vehicle accident----- | 585 |
| 49. Haz. cond. standby----- | 11 |

5- SERVICE CALL

| | |
|-------------------------------|-----|
| 51. Locked out/etc.----- | 75 |
| 52. Water problem----- | 348 |
| 53. Smoke/odor condition----- | 104 |
| 54. Animal problem----- | 3 |
| 55. Police assist----- | 65 |
| 56. Unauthorized burning----- | 13 |

6- GOOD INTENT CALL

| | |
|--|----|
| 61. Incident cleared prior to arrival----- | 67 |
| 62. Wrong location----- | 2 |
| 63. Controlled burning----- | 23 |
| 64. Multiple box pull----- | 2 |
| 65. Steam/gas mistaken for smoke----- | 12 |

7- FALSE CALL

| | |
|--------------------------------|-------|
| 73. Malfunction of system----- | 1,437 |
| 74. Unintentional ----- | 119 |
| 79. N.C.A.----- | 32 |

JDA. ACTION TAKEN

| | <u>TOTAL</u> |
|----------------------------------|--------------|
| 32- EXTRACTION ----- | 4 |
| 34- MANPOWER ----- | 797 |
| 35- SEARCH ----- | 14 |
| 36- TRANSPORTATION ----- | 9 |
| 37- FORCE ENTRY ----- | 2 |
| 41- REMOVE HAZARD (Spills) ----- | 140 |
| 52- MOVE-UP ----- | 437 |
| 53- FIRE WATCH ----- | 55 |
| 54- WATER REMOVAL ----- | 4 |
| 57- FORCE ENTRY ----- | 10 |
| 91- CODE ENFORCEMENT ----- | 2 |
| 98- NO ACTION TAKEN ----- | 226 |
| 99- NOT CLASSIFIED ABOVE ----- | 12 |

JEA-LEVEL OF ORIGIN1- LEVEL ABOVE GRADE

| | |
|------------------------|-----|
| 11- GRADE LEVEL ----- | 227 |
| 12- 2nd. STORY ----- | 185 |
| 13- 3rd. STORY ----- | 121 |
| 14- 4th. to 5th.----- | 53 |
| 15- 6th. to 10th.----- | 43 |
| 16-11th. to 15th.----- | 17 |
| 17-16th. to 20th.----- | 2 |
| 18- Over - 20 ----- | 1 |

2- LEVEL BELOW GRADE

| | |
|---------------------------------|-----|
| 21- 1 story BELOW GRADE ----- | 156 |
| 22- 2nd story BELOW GRADE ----- | 0 |

JCB-CONDITION ON ARRIVAL

| | |
|-------------------------|-----|
| 6- FULLY INVOLVED ----- | 127 |
| 7- EXPOSURE ----- | 36 |

1- PUBLIC ASSEMBLY PROPERTY

| | <u>TOTAL</u> |
|-----------------------------------|--------------|
| 11. FIXED USE AMUSEMENT PLACES | |
| 111. Bowling ----- | 0 |
| 112. Billiard, pool hall ----- | 0 |
| 113. Bingo, dance hall ----- | 0 |
| 114. Ice rink ----- | 1 |
| 115. Roller rink ----- | 0 |
| 119. Not classified above ----- | 0 |
| 12. VARIABLE USE AMUSEMENT PLACES | |
| 121. Ballroom, gymnasium ----- | 0 |
| 122. Exhibition hall ----- | 0 |
| 123. Arena, grandstand ----- | 2 |
| 124. Playground ----- | 10 |
| 13. CHURCH, FUNERAL PARLORS | |
| 131. Church, chapel ----- | 3 |
| 132. Religious education ----- | 0 |
| 133. Church hall-meeting ----- | 0 |
| 134. Funeral parlor, morgue ----- | 0 |
| 14. CLUBS | |
| 141. Boys Club ----- | 0 |
| 143. Yacht Club ----- | 0 |
| 149. Not classified above ----- | 0 |
| 15. LIBRARIES, MUSEUM, COURTS | |
| 151. Library ----- | 0 |
| 152. Museum, art gallery ----- | 0 |
| 153. Historical building ----- | 0 |
| 154. Memorial building ----- | 0 |
| 155. Court room ----- | 0 |
| 16. EATING, DRINKING PLACES | |
| 161. Restaurant, diner ----- | 7 |
| 162. Nightclub ----- | 2 |
| 163. Tavern ----- | 2 |
| 164. Lunchroom, drive-in ----- | 0 |

17-PASSENGER TERMINALS

(33)

FIRES

| | |
|--------------------------------|---|
| 171. Airport,pass.term.----- | 3 |
| 172. Heliport,helistop ----- | 0 |
| 173. Bus passenger term.----- | 0 |
| 174. St.level rail term.----- | 6 |
| 175. Undergrnd.rail term.----- | 1 |
| 176. Elevated rail term.----- | 2 |
| 177. Marine pass.term.----- | 0 |

18-THEATER, STUDIOS

| | |
|------------------------------------|---|
| 181. Legitimate theater ----- | 0 |
| 182. Auditorium,concert hall ----- | 0 |
| 183. Motion pix theater ----- | 0 |
| 184. Drive-in theater----- | 0 |
| 185. Radio,T.V. studio----- | 0 |
| 186. Motion pix studio----- | 0 |

2-EDUCATIONAL PROPERTY

21. NON-RESIDENTIAL SCHOOLS

| | |
|------------------------------|----|
| 211. Nursery school----- | 0 |
| 212. Kindergarten ----- | 0 |
| 213. Elementary School----- | 17 |
| 214. Junior high school----- | 8 |
| 215. High school----- | 13 |

22-RESIDENTIAL SCHOOL

| | |
|---------------------------|---|
| 221. Boarding school----- | 0 |
|---------------------------|---|

23- TRADE,BUSINESS SCHOOL

| | |
|-----------------------------------|---|
| 231. Vocational trade school----- | 2 |
| 232. Business school ----- | 0 |
| 233. Specialty school ----- | 0 |
| 234. Rehabilitation center----- | 1 |

24- COLLEGE,UNIVERSITY

| | |
|-------------------------------|---|
| 241. College,university ----- | 1 |
|-------------------------------|---|

3-INSTITUTIONAL PROPERTY

| | <u>FIRES</u> |
|---|--------------|
| 31.CARE FOR THE AGED | |
| 311. Care/aged w/nursing ----- | 0 |
| 312. Care/aged w/o nursing----- | 0 |
| 32.CARE OF THE YOUNG | |
| 321. Day child-care center----- | 2 |
| 322. Orphanage ----- | 0 |
| 323. Foster home ----- | 0 |
| 33.CARE OF THE SICK, INJURED | |
| 331. Hospital ----- | 10 |
| 332. Sanitarium ----- | 0 |
| 334. Clinic ----- | 1 |
| 34. CARE OF THE PHYSICALLY RESTRAINED | |
| 341. Prison cell-men----- | 0 |
| 342. Prison cell-women ----- | 0 |
| 343. Juvenile detention home----- | 0 |
| 345. Police station----- | 1 |
| 35. CARE OF THE PHYSICALLY INCONVENIENCED | |
| 351. Care of deaf-mute-blind----- | 0 |
| 352. Physical rehabilitation ----- | 0 |
| 36.CARE OF MENTALLY HANDICAPPED | |
| 361. Mental institution----- | 0 |
| 362. Mentally retarded----- | 0 |
| 30. INSTITUTIONAL PROPERTY, UNCLASSIFIED | |
| 309. Institutional unclassified----- | 0 |

RESIDENTIAL PROPERTY

FIRES

41-ONE AND TWO FAMILY DWELLINGS

| | |
|-------------------------------|-----|
| 411. One family dwelling----- | 15 |
| 412. Two family dwelling----- | 236 |

42- APARTMENTS, TENEMENTS, FLATS

| | |
|-----------------------------------|-----|
| 421. 1 or 2 units w/business----- | 20 |
| 422. 3 through 6 units----- | 251 |
| 423. 7 through 20 units----- | 58 |
| 424. over 20 units ----- | 259 |

43- ROOMING, BOARDING, LODGING HOUSE

| | |
|---------------------------|---|
| 431. 3 to 8 roomers ----- | 0 |
| 432. 9 to 15 roomers----- | 2 |

44- HOTELS, MOTELS, INNS

| | |
|------------------------------|---|
| 441. Less than 20 units----- | 1 |
| 443. 20 to 90 units----- | 2 |
| 445. 100 or more units ----- | 6 |

46- DORMITORIES

| | |
|---------------------------------|---|
| 461. School, college dorm.----- | 0 |
| 462. Fraternity, sorority ----- | 0 |
| 463. Nurses quarters----- | 0 |
| 465. Convent, monastery----- | 0 |
| 466. Workers bunk house ----- | 0 |

48- HOME HOTELS

| | |
|-------------------------------|---|
| 481. Less than 20 units ----- | 0 |
| 483. 20 to 99 units ----- | 0 |
| 485. 100 or more units ----- | 0 |

49 - OTHER RESIDENTIAL OCCUPANCY

| | |
|--------------------------------|---|
| 491. Childrens playhouse ----- | 0 |
| 492. Outdoor tents----- | 0 |

FIRES

51. FOOD AND BEVERAGE SALES

| | |
|---------------------------------|---|
| 511. Supermarket ----- | 1 |
| 512. Grocery store ----- | 1 |
| 513. Specialty food store----- | 1 |
| 514. Liquor,beverage store----- | 1 |
| 515. Creamery,dairy store----- | 0 |
| 516. Delicatessen----- | 0 |

52. TEXTILE,WEARING APPAREL SALES

| | |
|----------------------------------|---|
| 521. Clothing store----- | 3 |
| 522. Clothing access-shoe store- | 0 |
| 523. Shoe repair shop----- | 1 |
| 524. Tailor,dressmaking shop---- | 0 |
| 525. Fur store----- | 0 |
| 526. Dry goods store ----- | 0 |

53. HOUSEHOLD GOODS,SALES,REPAIRS

| | |
|----------------------------------|---|
| 531. Furniture store----- | 1 |
| 532. Appliance store----- | 0 |
| 533. Hardware store ----- | 1 |
| 534. Music store ----- | 0 |
| 535. Wallpaper,paint store ----- | 0 |
| 536. Rug,floor covering store--- | 0 |
| 537. Furniture REPAIR----- | 0 |
| 538. Appliance repair shop ----- | 0 |

54. SPECIALTY SHOP

| | |
|----------------------------------|---|
| 541. Book ,stationery store----- | 1 |
| 542. Newsstand,tobacco shop----- | 1 |
| 543. Drug store----- | 0 |
| 544. Jewelry store ----- | 1 |
| 545. Gift store----- | 0 |
| 546. Leather goods shop ----- | 0 |
| 547. Florist ,greenhouse ----- | 0 |

55. RECREATION , HOBBY, HOME REPAIR

(37)

| | TOTAL |
|---------------------------------|-------|
| 551. Hobby, toy shop ----- | 0 |
| 552. Sporting goods sales ----- | 0 |
| 553. Photo supplies-sales ----- | 0 |
| 554. Garden supply stores ----- | 0 |
| 555. Retail lumber sales ----- | 0 |
| 556. Pet stores/hospital ----- | 0 |
| 557. Barber, beauty shop ----- | 0 |

56. PROFESSIONAL SUPPLIES, SERVICES

| | |
|---|---|
| 561. Professional supply sales ----- | 0 |
| 562. Trade supply sales ----- | 0 |
| 563. Art supply sales ----- | 0 |
| 564. Laundry/cleaners/self-service ---- | 1 |
| 565. Linen supply house ----- | 0 |
| 566. Laundry/cleaner pick-up ----- | 2 |
| 567. Home maintenance services ----- | 0 |
| 568. Car washing facilities ----- | 0 |

57. MOTOR VEHICLE, BOAT SALES, SERVICES

| | |
|--------------------------------------|---|
| 571. Service station, public ----- | 1 |
| 572. Service station, pvt. ----- | 0 |
| 573. Vehicle repair/paint shop ----- | 5 |
| 574. Vehicle, trailer sales ----- | 1 |
| 575. Vehicle accessory sales ----- | 1 |
| 576. Boat, craft sales ----- | 0 |
| 577. Service station, marine ----- | 0 |
| 578. Car washing facilities ----- | 0 |

58. GENERAL ITEM STORES

| | |
|-------------------------------------|---|
| 581. Department stores ----- | 1 |
| 582. Variety store, small ----- | 0 |
| 583. Variety store, large ----- | 0 |
| 584. Mail order store ----- | 0 |
| 585. Mail ----- | 0 |
| 589. General item store-N.C.A ----- | 2 |

59. OFFICES

| | |
|--------------------------------------|---|
| 591. General business office ----- | 5 |
| 592. Bank ----- | 0 |
| 593. Medical research office ----- | 0 |
| 594. Engineering/architectural ----- | 0 |
| 595. Mailing Office ----- | 0 |
| 596. Post office ----- | 3 |

MANUFACTURING PROPERTY

| 71- FOOD | TOTAL |
|---|-------|
| 711- Slaughter,meat ----- | 1 |
| 712- Dairy products mfg.----- | 2 |
| 713- Canning.fruit,vegetables----- | 0 |
| 715- Grain prod.mfg. ----- | 0 |
| 716- Baking prod.mfg.----- | 1 |
| 718- Snack food mfg. ----- | 0 |
| 73- TEXTILES | |
| 733- Wool prod. ----- | 1 |
| 735- Textile finishing ----- | 0 |
| 736- Knitting mill ----- | 2 |
| 738- Floor covering ----- | 0 |
| 74- FOOTWEAR,WEARING APPAREL | |
| 741- Footwear mfg. ----- | 0 |
| 742- Wearing apparel mfg.----- | 1 |
| 744-Tannery ----- | 1 |
| 746-Leather prod.mfg. ----- | 0 |
| 747-Rubber prod. mfg. ----- | 0 |
| 75- WOOD,PAPER,FURNITURE,PRINTING | |
| 751- Sawmill ----- | 0 |
| 753- Wood,cork prod.mfg. ----- | 1 |
| 754- Furniture mfg. ----- | 0 |
| 757- Newspaper,magazine ----- | 2 |
| 76- CHEMICAL,PLASTIC,PETRO | |
| 762- Haz.chemical mfg.----- | 3 |
| 763- Plastic mfg. ----- | 2 |
| 767- Petroleum refinery,natural gasplant----- | 1 |
| 77- METAL,METAL PROD. | |
| 773- Metal prod. mfg. ----- | 5 |
| 774- Machinery mfg. ----- | 1 |
| 775- Elect.equip.mfg. ----- | 1 |
| 78- VEHICLE ASSEMBLY,MFG. | |
| 783- Railway equip.assembly,repair----- | 0 |
| 784- Motor Vehicle mfg.assembly----- | 2 |
| 79- OTHER MANUFACTURING | |
| 796- Laundry,drycleaning plants ----- | 0 |
| 798- Toy sporting goods ----- | 2 |

86. CHEMICAL, PLASTIC PRODUCTS

| | |
|-----------------------------------|---|
| 861. Industrial chemical----- | 1 |
| 862. Hazardous chemical ----- | 0 |
| 863. Plastic-plastic product----- | 3 |
| 864. Fertilizer----- | 0 |
| 865. Paint-varnish----- | 0 |
| 866. Drugs-cosmetics----- | 0 |
| 867. Rubber.rubber prod.----- | 1 |
| 868. Photo/film storage----- | 0 |

87. METAL. METAL PRODUCT STORAGE

| | |
|----------------------------------|----|
| 871. Basic metal form----- | 0 |
| 872. Metal parts----- | 0 |
| 873. Hardware----- | 0 |
| 874. Machinery----- | 2 |
| 875. Elect. appliance supp.----- | 0 |
| 876. Finished metal prod.----- | 0 |
| 877. Scrap/junk yards----- | 11 |

88. VEHICLE STORAGE

| | |
|--------------------------------------|----|
| 881. Garage, residential----- | 45 |
| 882. Garage, parking ----- | 2 |
| 883. Bus-car-truck fleet dealer----- | 0 |
| 884. Heavy machine equip.----- | 0 |
| 885. Marinas-boat, ship----- | 0 |
| 886. Aircraft hangar----- | 2 |
| 887. Railway storage----- | 1 |
| 888. Fire station----- | 0 |

89. GENERAL ITEM STORAGE

| | |
|----------------------------------|---|
| 891. General warehouse ----- | 4 |
| 892. Bagged mineral prod.----- | 0 |
| 893. Packaged mineral prod.----- | 0 |
| 894. Freight terminal----- | 1 |
| 895. Coal/coke/charcoal----- | 0 |
| 897. Ice storage----- | 0 |
| 898. Wharf/pier----- | 0 |

80. STORAGE PROPERTY, UNCLASSIFIED

| | |
|----------------------|----|
| 808. Tool shed ----- | 15 |
|----------------------|----|

91. CONSTRUCTION, UNOCCUPIED PROPERTY (40)

| | FIRES |
|----------------------------------|-------|
| DAI- 1. Under construction ----- | 0 |
| 5. Vacant property ----- | 227 |
| 6. Abandoned ----- | 0 |
| 7. Being demolished ----- | 1 |

92. SPECIAL STRUCTURES

| | |
|--------------------------------|----|
| 921. Bridge, trestle ----- | 9 |
| 922. Tunnel ----- | 1 |
| 923. Public mailbox ----- | 11 |
| 924. Toll station ----- | 0 |
| 925. Shelter, bus, storm ----- | 1 |
| 926. Outbuilding ----- | 1 |
| 927. Telephone booth ----- | 0 |

93. OUTDOOR PROPERTIES

| | |
|-------------------------------------|-----|
| 930. Insufficient information ----- | 64 |
| 931. Open land/field ----- | 7 |
| 932. Dump/land fill ----- | 0 |
| 933. Residential yard ----- | 327 |
| 934. Cemetary ----- | 3 |
| 936. Vacant lot ----- | 333 |
| 938. Parks ----- | 36 |
| 937. River front ----- | 2 |

94. WATER AREA

| | |
|------------------------------|---|
| 942. Port, channel ----- | 0 |
| 946. Inland water area ----- | 0 |
| 943. Piers ----- | 0 |

95. RAILROAD PROPERTY

| | |
|----------------------------------|----|
| 951. Railroad right of way ----- | 80 |
| 952. Switchyard ----- | 3 |
| 953. Siding ----- | 2 |

96. ROAD, PARKING PROPERTY

| | |
|---------------------------------|-----|
| 961. Divided hwy. ----- | 79 |
| 962. Paved public street ----- | 685 |
| 963. Paved private street ----- | 8 |
| 965. Openparking lot ----- | 11 |

97. AIRCRAFT AREAS

| | |
|----------------------------|---|
| 971. In flight ----- | 0 |
| 972. On runway ----- | 0 |
| 974. At loading ramp ----- | 3 |

98. OUTSIDE EQUIPMENT - OPER. AREA

| | |
|----------------------------------|----|
| 981. Construction site ----- | 0 |
| 984. Industrial plant yard ----- | 52 |

DIVISION OF INVESTIGATION
(Arson Squad)

ANNUAL REPORT FOR THE YEAR 1986
submitted by
Deputy Chief J.V. Raymond

The following is a report of the activities of the Arson Squad of the Newark Fire Department for the year 1986.

The complete records of all investigations conducted by the Arson Squad, including photographs, evidence, statements, etc., are on file in the Arson Squad office and will be made available to interested parties where needed for deposition, Grand Jury presentation, criminal prosecution, civil suit or for any purpose demanded by law.

Records of juvenile apprehensions, adult arrests, together with court disposition of these arrests, are on file in the Arson Squad office, and will be made available to the proper authorities on request.

The Arson Squad has maintained a daily association with other bureaus of municipal government, such as the Newark Police Department Youth Aid Bureau, Board of Education, Fire Prevention division and the Department of Health and Welfare.

Throughout the past year, we have continued our liaison with the New Jersey State Police, Essex County Prosecutor's office, Federal Bureau of Investigation, Alcohol, Tobacco, and Firearms, New Jersey Motor Vehicle Department, New Jersey Family Services. These agencies have given us important assistance in many of our investigations and we express our gratitude for this help.

Assisted the Division of Criminal Justice with their In-Service Training Program established under N.J.S.A. 40A:14-7.1.

Continued to cooperate with Essex County Prosecutor's office (Arson Task Force) with investigations throughout Essex County.

The Division of Investigation has continued to investigate the illegal dumping of chemical waste.

The Division of Investigation assisted in the training of new firefighters at the Training Center, and also assisted in training other Arson units through the use of films from our film library.

Arson Squad (2)

Provided speakers for the following engagements: New Jersey State Arson Advisory Committee, New Jersey Bell and the Optimist Club.

Members of the Arson Squad took the following courses:

Arson for Profit Investigation, given by the Federal Bureau of Alcohol, Tobacco and Firearms. (ATF)

Division of Criminal Justice Arson Investigation Training Course, at the State Police Barracks, Sea Girt, New Jersey.

Advanced Arson Investigation, given by Division of Criminal Justice at Kean College, Union, New Jersey.

Basic Police Course for Arson Investigators, given at Newark Police Academy. All members requalified in the care and use of firearms in this course.

Hazardous Waste Investigation and Prosecution, at the Essex County Police Academy.

Attended training seminar in fire and arson investigation procedures, given by the Morris County Fire and Arson Investigators Association.

In-Service training program on Juvenile Firesetters, given by the Division of Criminal Justice.

Chemical Breath Analysis Course, given by the New Jersey State Police.

Investigation of Automobile fires conducted by the Monmouth County Fire and Arson Investigators Association.

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DIVISION OF INVESTIGATION

(Arson Squad)

Investigations for the year 1986

| | |
|-----------------|------------|
| Signal 100 | 609 |
| Signal 102 | 654 |
| Multiple Alarms | 59 |
| Complaints | <u>159</u> |

| | |
|-------|------|
| Total | 1481 |
|-------|------|

| | |
|---------------------------|----|
| Signal 200 (Deaths) | 18 |
| Signal 300 (False Alarms) | 10 |

BREAKDOWN OF INVESTIGATIONS

| | <u>Buildings</u> | <u>Non-Buildings</u> | <u>Motor Vehicles</u> | <u>Total</u> |
|--------------|------------------|----------------------|-----------------------|--------------|
| Arson | 138 | 3 | 285 | 426 |
| Accidental | 92 | 5 | 11 | 108 |
| Undetermined | 305 | 68 | 128 | 501 |
| Suspicious | 117 | 10 | 174 | 301 |
| C/ Mischief | <u>4</u> | <u>31</u> | <u>1</u> | <u>36</u> |
| Total | 656 | 117 | 599 | 1372 |

ARRESTS

| | <u>Juvenile</u> | <u>Adult</u> | <u>Total</u> |
|----------------|-----------------|--------------|--------------|
| Arson | 4 | 45 | 49 |
| False Alarms | 13 | 2 | 15 |
| Threat to burn | 0 | 2 | 2 |
| Warrant | 1 | 2 | 3 |
| Others | <u>4</u> | <u>27</u> | <u>31</u> |
| Total | 22 | 78 | 100 |

| | <u>Juvenile</u> | <u>Adult</u> | <u>Total</u> |
|-------------------|-----------------|--------------|--------------|
| Reprimand (Fire) | 9 | 0 | 9 |
| Reprimand (300's) | 5 | 0 | 5 |

| | |
|---|-----|
| Referred to Division of Youth and Family Services | 1 |
| Referred to Youth Aid Bureau | 0 |
| Court Appearances | 75 |
| Court Hours | 260 |

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DIVISION OF INVESTIGATION
(Arson Squad)
Deaths by Fire 1986

| <u>Date</u> | <u>Time</u> | <u>Station</u> | <u>Address</u> | <u>Sex</u> | <u>Age</u> | <u>Cause</u> | <u>Building Code</u> |
|-------------|-------------|----------------|-------------------------|------------|------------|--------------|----------------------|
| Jan. 24 | - | - | 224 So. Orange Ave. | B/F | 55 | Accidental | 423 |
| Jan. 26 | 0936 | 3425 | 168 No. 9th St. | B/F | 94 | Arson | 422 |
| Jan. 28 | 0508 | 4144 | 328 Irvine Turner Blvd. | W/M | 38 | Suspicious | 423 |
| Jan. 28 | 0508 | 4144 | 328 Irvine Turner Blvd. | B/F | 66 | Suspicious | 423 |
| Feb. 2 | 1844 | 5178 | 9 Clover St. | W/M | 22 | Undetermined | 422 |
| Mar. 3 | 0316 | 4158 | 708 M.L. King Blvd. | B/M | 64 | Undetermined | 424 |
| Mar. 3 | 0316 | 4158 | 708 M.L. King Blvd. | B/M | 50 | Undetermined | 424 |
| Mar. 16 | 2337 | 1417 | 172 Roseville Ave. | B/F | 35 | Accidental | 423 |
| Mar. 29 | 0752 | 1446 | 422 So. 17th St. | B/F | 53 | Undetermined | 422 |
| Mar. 30 | 1330 | 5421 | 20 Delancy St. | H/M | 73 | Accidental | 414 |
| May 9 | 2122 | 1438 | 302 So. 12th St. | B/M | 18 | Arson | 891 |
| May 29 | 0950 | 2525 | 713 Frelinghuysen Ave. | O/M | 25 | Accidental | 161 |
| May 29 | 0950 | 2525 | 713 Frelinghuysen Ave. | O/M | - | Accidental | 161 |
| Oct. 5 | 0536 | 4451 | 509 Avon Ave. | B/F | 43 | Arson | 422 |
| Oct. 11 | 1706 | 2424 | 113 Elizabeth Ave. | B/M | 51 | Accidental | 421 |
| Nov. 30 | 1405 | -5- | Branch Brook Park | B/M | 50 | Suicide | - |
| Dec. 13 | 1720 | 1335 | 79 Littleton Ave. | B/M | 73 | Undetermined | 411 |
| Dec. 31 | 1056 | -5- | 41 Lincoln Ave. | H/M | 31 | Suicide | - |

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FIRE SIGNAL SYSTEM OPERATIONS
1986 ANNUAL REPORT
ALBERT S. LASSO, CHIEF

In compliance with the Rules and Regulations of the Newark Fire Department, I hereby submit this Annual Report, for the year 1986:

| | |
|---|---------|
| 1. Alarms transmitted | 16,804 |
| 2. False Alarms received | 5,606 |
| 3. Box Tests supervised | 5,000 |
| 4. Tests from private Fire Alarm Companies supervised | 3,000 |
| 5. Tests conducted of Airport Fire Alarm facilities | 365 |
| 6. Telephone calls handled over Centrex System (approx.) | 510,000 |
| 7. Radio calls handled (approx.) | 300,000 |
| 8. Number of circuits tested | 90,000 |
| 9. Miscellaneous reports prepared and distributed | 10,000 |
| 10. Individuals and Agencies dispatched to multiple alarms | 3,600 |
| 11. Prepared and distributed daily alarm summary reports | 365 |
| 12. Prepared orders for purchase of equipment and materials necessary for this Division | |
| 13. Verified invoices and bills related to all Fire Department telephones. | |
| 14. Supervised installation of new equipment within the Central Office. | |
| 15. Other job operations performed - bookkeeping, janitorial duties, etc. | |
| 16. Policy Planning and Research in order to maintain the Fire Department's modern and efficient operation. | |
| 17. Prepared budget for Operations Division. | |

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1. GONG ALARMS TRANSMITTED

| | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | TOTAL |
|---|-----|-----|-----|-----|-----|-----|-----|------|-----|------|-----|-----|-------|
| a) Full assignment alarms (all normally scheduled units) | 220 | 199 | 217 | 188 | 260 | 267 | 247 | 245 | 207 | 212 | 210 | 227 | 2699 |
| b) Signal Eight alarms (Response limited to one Engine Company, a Ladder unit and a Battalion Chief) | 62 | 72 | 73 | 51 | 62 | 67 | 103 | 206 | 188 | 198 | 180 | 172 | 1434 |
| c) Signal Nine alarms (Two Engine Companies, a ladder unit and a Battalion Chief) | 413 | 314 | 481 | 519 | 555 | 647 | 588 | 557 | 564 | 607 | 548 | 524 | 6317 |
| d) Total of the foregoing | 695 | 585 | 771 | 758 | 877 | 981 | 938 | 1008 | 959 | 1017 | 938 | 923 | 10450 |

2. ONE UNIT ALARMS TRANSMITTED

| | | | | | | | | | | | | | |
|--|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|-----|-----|------|
| a) Single company fire incidents, emergencies, etc. | 587 | 370 | 668 | 597 | 665 | 787 | 654 | 381 | 406 | 458 | 393 | 388 | 6354 |
| b) Total movements in this category (Drills, parades, repairs, etc.) | 815 | 604 | 885 | 799 | 930 | 1080 | 888 | 607 | 611 | 768 | 655 | 646 | 9288 |

3. GRAND TOTAL

| | | | | | | | | | | | | | |
|---------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| a) Paragraphs #1 & # 2 combined | 1510 | 1189 | 1656 | 1557 | 1807 | 2061 | 1826 | 1615 | 1570 | 1785 | 1593 | 1569 | 19738 |
|---------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|

4. ALARMS RECEIVED FROM (BY)

| | | | | | | | | | | | | | |
|---------------------------------------|-----|-----|-----|-----|-----|-----|-----|------|-----|------|-----|-----|-------|
| a) Fire Box: | 339 | 270 | 407 | 417 | 520 | 596 | 568 | 553 | 539 | 558 | 450 | 417 | 5634 |
| b) Public telephone: | 310 | 265 | 301 | 294 | 297 | 336 | 312 | 400 | 372 | 400 | 435 | 444 | 4166 |
| c) Central Station Automatic Systems: | 39 | 43 | 51 | 37 | 42 | 42 | 45 | 45 | 36 | 43 | 40 | 46 | 509 |
| d) Police Department: | 0 | 0 | 2 | 2 | 6 | 0 | 4 | 2 | 4 | 6 | 6 | 0 | 32 |
| e) Department's Radio System: | 7 | 7 | 10 | 8 | 12 | 7 | 9 | 8 | 8 | 10 | 7 | 16 | 109 |
| f) Total of the foregoing: | 695 | 585 | 771 | 758 | 877 | 981 | 938 | 1008 | 959 | 1017 | 938 | 923 | 10450 |

| 5. MULTIPLE ALARMS | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | TOTAL |
|---|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| a) Second Alarms | 4 | 7 | 7 | 5 | 4 | 4 | 6 | 3 | 1 | 4 | 4 | 6 | 55 |
| b) Third Alarms | 0 | 2 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 1 | 2 | 7 |
| c) Fourth Alarms | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| d) Total of the foregoing | 4 | 10 | 7 | 5 | 4 | 6 | 6 | 3 | 1 | 4 | 5 | 8 | 63 |
| 6. <u>ALARMS FROM FIRE BOXES</u> | | | | | | | | | | | | | |
| a) Aggregate number of fire alarm boxes pulled. | 379 | 300 | 447 | 459 | 575 | 656 | 625 | 603 | 587 | 613 | 495 | 459 | 6198 |
| b) Signals from fire boxes held, alarm already transmitted. | 40 | 30 | 40 | 42 | 55 | 60 | 57 | 50 | 48 | 55 | 45 | 42 | 564 |
| 7. <u>REPORTS FOR SAME INCIDENT REC. THROUGH TWO UNRELATED MEDIUMS.</u> | | | | | | | | | | | | | |
| a) Confirming alarm received from fire box after notice by phone: | 25 | 24 | 36 | 34 | 38 | 42 | 40 | 44 | 38 | 40 | 38 | 44 | 443 |
| b) Confirming phone notice received after alarm from fire box: | 15 | 13 | 20 | 18 | 19 | 24 | 20 | 20 | 17 | 18 | 10 | 20 | 214 |
| c) Alarms received from a single source: | 655 | 548 | 715 | 706 | 820 | 915 | 878 | 944 | 904 | 959 | 890 | 859 | 9793 |
| 8. <u>MISCELLANEOUS</u> | | | | | | | | | | | | | |
| a) Units relocated in emergencies. | 89 | 102 | 54 | 43 | 62 | 117 | 67 | 53 | 47 | 67 | 68 | 88 | 857 |
| b) Telegraph signals transmitted. | 5951 | 4942 | 6469 | 6124 | 7258 | 8111 | 7393 | 7049 | 6664 | 7299 | 6699 | 6707 | 80666 |
| c) Enroute units stopped by radio and returned to service. | 3058 | 2574 | 3392 | 3335 | 3858 | 4312 | 4127 | 4435 | 4219 | 4474 | 4127 | 4061 | 45972 |
| d) Newark units responding to other communities. | 5 | 2 | 4 | 3 | 2 | 1 | 3 | 1 | 1 | 2 | 1 | 1 | 26 |

FIRE SIGNAL SYSTEM OPERATION
 MAINTENANCE & CONSTRUCTION
 ANNUAL REPORT
 FOR THE YEAR 1986
 SUBMITTED BY
 JOHN DI BLASIO, CHIEF
 WALTER MASZCZAK, ASST. CHIEF

The following is an account of this division's work performed during the twelve-month period of 1986, ending December 31.

| | |
|--|---------|
| Subterranean ducts rodded, (feet of) - - - - - | 11,625 |
| Pull wire installed in ducts (feet of) - - - - - | 13,120 |
| Subterranean cable installed (feet of conductor) - - - - | 332,750 |
| Single line wire installed (feet of) - - - - - | 11,025 |
| Aerial cable installed (feet of conductor) - - - - - | 3,675 |
| Twin "C" wire installed (feet of conductor)- - - - - | 25,200 |
| Galvanized messenger installed (feet of) - - - - - | 150 |
| Subterranean cable removed (feet of conductor) - - - - | 225,000 |
| Line wire removed (feet of) - - - - - | 11,025 |
| Fire alarm boxes installed (modified)- - - - - | 38 |
| Fire alarm boxes relocated - - - - - | 8 |
| Fire alarm boxes to shop for service/modification - - - | 62 |
| Fire alarm boxes inspected, tested and wound - - - - - | 9,225 |
| Stanchions and junction boxes replaced or reset- - - - - | 49 |
| Stanchions and junctions rehabilitated - - - - - | 86 |
| Pole line construction released - - - - - | 289 |
| Pole transfers completed - - - - - | 186 |
| Trees trimmed - - - - - | 150 |
| Ground rods buried - - - - - | 25 |
| Fire house chargers and batteries - - - - - | 165 |
| Field inspections (hours of) - - - - - | 155 |
| Training sessions (hours of) - - - - - | 48 |
| Housekeeping/Vehicle maintenance (hours of)- - - - - | 48 |
| Major job operations completed - - - - - | 4,450 |
| Minor job and corrective functions performed - - - - - | 7,750 |
| Pre-construction and survey conferences- - - - - | 5 |
| Central office maintenance (hours of) - - - - - | 50 |

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SPECIAL SERVICES AND SUPPLY DIVISION
ANNUAL REPORT SUBMITTED BY
DAVID J. KINNEAR, DEPUTY CHIEF
FOR THE YEAR 1986

The Special Service and Supply Division operated on an around-the-clock basis throughout year, and continued to provide the necessary services of supply and repair to all Fire Department units, and provided services to other city departments and agencies and the community in general.

Accomplishments and services provided by various sections of this division during 1986 are as follows:

DELIVERY AND PICK-UP SERVICE: Deliveries and pick-ups were made on a morning, afternoon, and evening basis as per schedule, for routine items. Items of an emergency nature were handled immediately. Supplies handled were such things as tools, extinguishers, oxygen and air cylinders, masks, furniture, lockers, ladders, hose, other firefighting equipment and Haz-Mat supplies and material.

Special Service personnel responded to fire scenes with fuel for apparatus, air tanks, salvage covers, foam, the Hi-Ex foam generator, smoke ejector and other supplies, as requested. Salvage covers were picked up from fire scenes and redistributed to companies throughout the department. Fire apparatus requiring repair or replacement were picked up and delivered to various locations. Vehicles and personnel were supplied to assist in relief of firefighters at tour changes.

MASK DIVISION: The mask division is charged with the repair and continuing maintenance of all type masks used by the Fire Department. During the year, a total of 1,927 masks were bench checked, repaired and rebuilt to proper working specifications, 199 air tanks were also repaired and maintained.

Purchase of a new pure air compressor was approved. This unit will replace our present obsolete back-up compressor, and our present first line compressor will be maintained as a back-up. The new unit will be installed early in 1987. This unit will reduce the chances of air contamination and enable us to better comply with Federal and State Health laws.

Because of the phasing out of production of the presently used Mark I Survivair mask, several different types of masks have been placed with field units for evaluation.

Special Services and Supply Division (2)

HOSE SHOP: The Hose Shop kept all fire companies properly supplied with hose and fittings. All hose was subjected to an annual test. Defective, over-age, or damaged hose was repaired or replaced; as were damaged nozzles, valves, adapters, fittings, brackets and other equipment. An inventory report from the hose department accompanies this report.

SUPPLY DEPARTMENT: Tools, equipment and supplies were ordered, received, checked, recorded, stored or distributed as needed throughout the department. Personnel repaired Porto-Lites, other hand lights, desk lamps, extension cords, K12 saws, generators and other equipment. In conjunction with the City Carpenter Shop construction of mask boxes, skid load panels, hose bed decking, etc., was accomplished; broken axe and hook handles, chairs, tables and other equipment were repaired as necessary. This unit is also responsible for the repair of portable pumps, esplosimeters and with the maintenance of a supply of saw blades. Through this department, maintenance and upkeep of fire department buildings is accomplished through liaison with other city agencies.

LADDER SHOP: Various size metal ladders were received, stored and placed in service with fire companies. All department ladders are now maintained and repaired, if possible, by Special Service personnel.

CANVAS SHOP: Canvas items, such as mask box covers, control box covers for hook and ladder trucks, chain saw sheaths, electrical generator covers, turret nozzle covers, mask facepiece holders, rope bags, etc., are made in this department. Window shades are made or repaired for all fire department buildings.

GENERAL ACTIVITIES: A new machine, allowing for a quicker and cleaner operation in refilling dry powder extinguishers, was installed in 1986.

With the cooperation of the Training Division and field units, several new tools were evaluated. They include the hydrant barrel plug and the unlimited padlock breaker, which have been placed in service. At present, a pneumatic power impact tool (Airgun 40) is being evaluated by the Rescue squad.

Portable pumps were made available to the community for pumping out flooded basements and cellars. Portable electric generators, lamps, cables and fire extinguishers were also made available and delivered for various demonstrations and functions.

Special Services and Supply Division (3)

A daily maintenance and security check was made at the former quarters of Engine Co. No. 32.

The Haz-Mat Truck was stored at Special Service and maintained by Special Service personnel.

Each sub-division of Special Service maintained records and file systems and submitted required reports consistent with duties and activities. Housekeeping duties were performed to maintain quarters in a clean and presentable condition.

A statistical report of Special Service Performance accompanies this report.

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SPECIAL SERVICES AND SUPPLY COMPANY
ANNUAL APPARATUS REPORT FOR THE YEAR 1986
SUBMITTED BY CHIEF OF APPARATUS
WALTER B. MUELLER

In compliance with rules and regulations, the following report is respectfully submitted, outlining the activities of the Apparatus Division for the year 1986:

- * Performed liaison work between the Repair Shop and the Fire Department.
- * Serviced and tested pumpers.
- * Time tested and inspected aerial ladders.
- * Change-over of apparatus was made when necessary.
- * Lubrication, oil changes, and preventive maintenance work was performed periodically.
- * Supervised the record keeping of repairs to apparatus.
- * Assisted in writing specifications for new apparatus.
- * Performed an Inspection and Acceptance Testing of new apparatus.

The Fire Department has a fleet of 88 vehicles and one Fireboat, consisting of:

20 Pumpers and 10 Spare Pumpers.

10 Trucks and 4 Spare Trucks.

1 Rescue Squad Unit and 1 Spare Rescue Squad Unit.

The remaining vehicles are assigned to Chiefs, the Training Academy, Special Services and Supply Company, Division of Investigation, Community Relations Division, Telegraph Division, and the Division of Fire Prevention and Life Safety.

In 1986, there were ten new vehicles added to the fleet:

Two Engines, five Station Wagons, and three Sedans.

Eight vehicles were decommissioned during the year:

Two Engines, three Station Wagons, three Sedans.

SPECIAL SERVICES AND SUPPLY COMPANY (2)
APPARATUS REPORT

Following is a list of Vehicles and Assignments by Register Number :

| <u>Reg. No.</u> | <u>Model</u> | <u>Assignment</u> |
|-----------------|---------------------------------|--------------------------|
| 1001 | 1982 Seagrave Rear Mount | Truck Co. 4 |
| 1002 | 1978 Amer. La France Rear Mount | Truck Co. 11 |
| 1003 | 1985 Chevrolet Van | Training |
| 1004 | 1974 Ward La France Pumper | Engine Co. 16 |
| 1005 | 1981 Continental Pumper | Engine Co. 5 |
| 1006 | 1981 Continental Pumper | Engine Co. 29 |
| 1007 | 1981 Continental Pumper | Engine Co. 19 |
| 1008 | 1972 Mack Pumper | Spare Engine |
| 1009 | 1968 Mack Pumper | Spare Engine |
| 1011 | 1985 Chevrolet Van | Telegraph |
| 1013 | 1976 Hendrickson Sqrut | Engine Co. 14 |
| 1014 | 1973 Ward La France Pumper | Spare Engine |
| 1015 | 1974 Ward La France Pumper | Spare Engine |
| 1016 | 1982 Seagrave Rear Mount | Truck Co. 12 |
| 1017 | 1981 Continental Pumper | Engine Co. 17 |
| 1018 | 1974 Ward La France Pumper | Engine Co. 28 |
| 1020 | 1975 Chevrolet Step Van | Training |
| 1021 | 1974 Chevrolet Step Van | Training |
| 1022 | 1968 Mack Pumper | Spare Engine |
| 1024 | 1981 Continental Pumper | Engine Co. 10 |
| 1028 | 1975 Chevrolet Four Wheel Drive | Training |
| 1029 | 1972 Mack Pumper | Spare Engine |
| 1033 | 1973 Ward La France Pumper | Spare Engine |
| 1035 | 1974 Ward La France Pumper | Engine Co. 8 |
| 1036 | 1973 Ward La France Pumper | Spare Engine |
| 1038 | 1983/1969 White Seagraves | Truck Co. 5 |
| 1040 | 1974 Seagrave Aerial | Truck Co. 7 |
| 1041 | 1986 Chevrolet Station Wagon | Deputy 1 |
| 1042 | 1986 Chevrolet Station Wagon | Deputy 2 |
| 1043 | 1971 Four Wheel Drive Pumper | Spare Engine |
| 1044 | 1986 Chevrolet Station Wagon | Battalion 1 |
| 1045 | 1986 Chevrolet Station Wagon | Battalion 3 |
| 1046 | 1974 Ward La France Pumper | Engine Co. 26 |
| 1047 | 1986 Chevrolet Station Wagon | Battalion 4 |
| 1048 | 1976 Hendrickson Sqrut | Spare Sqrut |
| 1049 | 1986 Emergency One Pumper | Engine Co. 27 |
| 1050 | 1986 Emergency One Pumper | Engine Co. 11 |
| 1055 | 1973 Seagrave Aerial | Spare Truck |
| 1056 | 1981 Chevrolet Pick-up | Special Services |
| 1959 | 1975 Mack | Spare Rescue |
| 1060 | 1985 Emergency One | Rescue 1 |
| 1062 | 1980 Chevrolet Station Wagon | Spare Gig |
| 1065 | 1978 Chevrolet Station Wagon | Repair Shop |
| 1066 | 1981 Chevrolet Station Wagon | Fire Prev. & Life Safety |
| 1068 | 1981 Chevrolet Station Wagon | Spare Gig |
| 1069 | 1981 Chevrolet Station Wagon | Department Messenger |

SPECIAL SERVICES AND SUPPLY COMPANY (3)
APPARATUS REPORT

Vehicle Inventory (cont'd)

| <u>Reg. No.</u> | <u>Model</u> | <u>Assignment</u> |
|-----------------|---------------------------------|--------------------------|
| 1071 | 1980 Chevrolet Station Wagon | Special Services |
| 1072 | 1980 Chevrolet Station Wagon | Telegraph |
| 1073 | 1974 Chevrolet Pick-Up | Special Services |
| 1074 | 1978 Chevrolet Pick-Up Crew Cab | Special Services |
| 1075 | 1978 Chevrolet Van | Special Services |
| 1077 | 1972 Seagrave Aerial | Spare Truck |
| 1079 | 1971 Mack Snorkel | Truck Co. 6 |
| 1080 | 1972 Seagrave Aerial | Spare Truck |
| 1081 | 1972 Seagrave Aerial | Truck Co. 8 |
| 1083 | 1974 Seagrave Aerial | Spare Truck |
| 1084 | 1981 Chevrolet Station Wagon | Photographer |
| 1085 | 1970 Chevrolet Cherry Picker | Telegraph |
| 1089 | 1975 Seagrave Rear Mount | Truck Co. 9 |
| 1091 | 1973 Ward La France Pumper | Engine Co. 21 |
| 1097 | 1973 Ward La France Pumper | Spare Engine |
| 1100 | 1982 Seagrave Rear Mount | Truck Co. 10 |
| 1101 | 1983 Chevrolet Sedan | Claude M. Coleman |
| 1106 | 1972 Chevrolet Line Truck | Telegraph |
| 1107 | 1980 Dodge Boom Truck | Telegraph |
| 1108 | 1984 G.M.C. Boom Truck | Telegraph |
| 1110 | 1985 Emergency One Quint | Truck Co. 1 |
| 1113 | 1978 Chevrolet Sedan | Arson Squad |
| 1114 | 1978 Chevrolet Sedan | Arson Squad |
| 1118 | 1980 Chevrolet Sedan | Arson Squad |
| 1119 | 1980 Chevrolet Sedan | Chief of Apparatus |
| 1120 | 1986 Chevrolet Sedan | D/C Executive Officer |
| 1121 | 1980 Chevrolet Van | Community Relations |
| 1130 | 1983 Chevrolet Station Wagon | Training |
| 1131 | 1983 Chevrolet Station Wagon | Community Relations |
| 1132 | 1983 Chevrolet Station Wagon | Batt. Chief #5 |
| 1133 | 1983 Chevrolet Station Wagon | Fire Prev. & Life Safety |
| 1134 | 1983 Chevrolet Station Wagon | Fire Prev. & Life Safety |
| 1135 | 1983 Chevrolet Sedan | Community Relations |
| 1136 | 1983 Chevrolet Sedan | Arson Squad |
| 1137 | 1986 Chevrolet Sedan | Chief of Department |
| 1138 | 1986 Chevrolet Sedan | Arson Squad |
| 1152 | 1983 Amer. La France Pumper | Engine Co. 12 |
| 1155 | 1983 Amer. La France Pumper | Engine Co. 15 |
| 1156 | 1983 Amer. La France Pumper | Engine Co. 6 |
| 1157 | 1984 Emergency One Sqrt | Engine Co. 7 |
| 1158 | 1984 Emergency One Sqrt | Engine Co. 18 |
| 1159 | 1984 Emergency One Sqrt | Engine Co. 9 |
| 1199 | John F. Kennedy | Fireboat |

SPECIAL SERVICES AND SUPPLY

HOSE DIVISION
ANNUAL REPORT
SUBMITTED BY
CAPTAIN ANTHONY GRAZIANO
FOR THE YEAR 1986

The following report indicates the amount of fire hose in service, hose in reserve, and used fire hose on hand. Also included is the amount of brass work done, as of December 31, 1985.

| | | <u>HOSE INVENTORY</u> | <u>TOTAL AVAILABLE</u> |
|--------|-------------------------|-----------------------------|------------------------|
| 4½" | In service | 20 - 15 ft. lengths | 300 ft. |
| 4½" | In reserve, new | 4 - 15 ft. lengths | 60 ft. |
| 4½" | In reserve, used | 4 - 15 ft. lengths | 60 ft. |
| | | <u>28 - 15 ft. lengths</u> | <u>420 ft.</u> |
| 4" | In service | 270 - 50 ft. lengths | 13,500 ft. |
| 4" | In reserve, new | 27 - 50 ft. lengths | 1,350 ft. |
| 4" | In reserve, used | 20 - 50 ft. lengths | 1,000 ft. |
| | | <u>317 - 50 ft. lengths</u> | <u>15,850 ft.</u> |
| 3" | In service | 21 - 50 ft. lengths | 1,050 ft. |
| 3" | In reserve, used | 285 - 50 ft. lengths | 14,250 ft. |
| | | <u>306 - 50 ft. lengths</u> | <u>15,300 ft.</u> |
| 2½" | In service | 284 - 50 ft. lengths | 14,200 ft. |
| 2½" | In reserve, new | 105 - 50 ft. lengths | 5,250 ft. |
| 2½" | In reserve, used | 129 - 50 ft. lengths | 6,450 ft. |
| | | <u>518 - 50 ft. lengths</u> | <u>25,900 ft.</u> |
| 1-3/4" | In service | 255 - 50 ft. lengths | 12,750 ft. |
| 1-3/4" | In reserve, new | 93 - 50 ft. lengths | 4,650 ft. |
| 1-3/4" | In reserve, used | 6 - 50 ft. lengths | 300 ft. |
| | | <u>354 - 50 ft. lengths</u> | <u>17,700 ft.</u> |
| 1½" | In service | 105 - 50 ft. lengths | 5,250 ft. |
| 1½" | In reserve, used | 58 - 50 ft. lengths | 2,900 ft. |
| | | <u>163 - 50 ft. lengths</u> | <u>8,150 ft.</u> |
| 1" | Booster in service | 52 - 50 ft. lengths | 2,600 ft. |
| 1" | Booster in reserve, new | 48 - 50 ft. lengths | 2,400 ft. |
| | | <u>100 - 50 ft. lengths</u> | <u>5,000 ft.</u> |
| 3/4" | Booster in service | 35 - 50 ft. lengths | 1,750 ft. |
| 3/4" | Booster in reserve, new | 24 - 50 ft. lengths | 1,200 ft. |
| | | <u>59 - 50 ft.</u> | <u>2,950 ft.</u> |
| | | <u>NEW HOSE RECEIVED</u> | |
| 2½" | - 100% Poly | 25 - 50 ft. lengths | 1,250 ft. |
| 1-3/4" | - 100% Poly | 75 - 50 ft. lengths | 3,750 ft. |
| 1" | Booster | 12 - 50 ft. lengths | 600 ft. |
| 3/4" | Booster | 6 - 50 ft. lengths | 300 ft. |
| | | <u>118 - 50 ft. lengths</u> | <u>5,900 ft.</u> |

Special Services and Supply

Hose Division (2)

| <u>NEW HOSE ISSUED</u> | | | <u>HOSE REPAIRED</u> | |
|------------------------|----------------|--------------------|----------------------|--------------------|
| 4½" | 15 ft. lengths | 2 | 4½" | 11 lengths |
| 4" | 50 ft. lengths | 63 | 4" | 95 lengths |
| 3" | 50 ft. lengths | 0 | 3" | 13 lengths |
| 2½" | 50 ft. lengths | 19 | 2½" | 35 lengths |
| 1-3/4" | 50 ft. lengths | 70 | 1-3/4" | 99 lengths |
| 1½" | 50 ft. lengths | 0 | 1½" | 14 lengths |
| 1" | 50 ft. lengths | 9 (Booster) | 1" Booster | 10 lengths |
| 3/4" | 50 ft. lengths | 4 (Booster) | 3/4" Booster | 9 lengths |
| | | <u>167</u> lengths | | <u>286</u> lengths |

| <u>HOSE TESTED</u> | | | <u>MISSING</u> | <u>FAILED</u> | <u>REPLACED</u> |
|--------------------|-------------|------------------|----------------|---------------|-----------------|
| 4" | 261 lengths | 13,050 ft. | 8 | 9 | 17 |
| 3" | 26 lengths | 1,300 ft. | 0 | 0 | 0 |
| 2½" | 284 lengths | 14,200 ft. | 7 | 11 | 17 |
| 1-3/4" | 255 lengths | 12,750 ft. | 13 | 14 | 27 |
| 1½" | 105 lengths | 5,250 ft. | 5 | 2 | 0 |
| 1" | 52 Booster | 2,600 ft. | 0 | 0 | 0 |
| 3/4" | 35 Booster | <u>1,750 ft.</u> | <u>0</u> | <u>0</u> | <u>0</u> |
| | | 50,900 ft. | <u>33</u> | <u>36</u> | <u>61</u> |

Total number of valves, nozzles, adapters, equipment and miscellaneous articles issued for the year - 53. Repaired: 161.

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SPECIAL SERVICES AND SUPPLY COMPANY

PERFORMANCE REPORT

1986

| | |
|---|--------|
| Number of alarms answered | 164 |
| Number of pickups and deliveries made | 17,047 |
| Gasoline distributed at fires (gallons) | 170 |
| Motor oil distributed at fires (gallons) | 23 |
| Diesel oil distributed at fires (gallons) | 370 |
| Electric generator used (number of times) | 10 |
| Floodlight cable used (number of feet) | 20 |
| Number of lights used | 20 |
| Window shades | 126 |
| Cellars pumped out (number of) | 65 |
| Hours spent pumping out cellars | 193 |
| Portolites repaired (number of) | 265 |
| Liquid foam distributed to companies (gallons) | 645 |
| Portolites batteries distributed to companies | 621 |
| Oxygen cylinders refilled (number of) | 143 |
| Scott & M.S.A. air cylinders refilled | 17,112 |
| 15 lb. C.O.2 Extinguishers refilled | 195 |
| Masks repaired (number of) | 1,927 |
| Canvas covers for bags, boxes decks, supplied and repaired | 83 |
| Air tanks repaired | 199 |
| D.P.Extinguishers refilled | 129 |
| Smoke ejector used on special calls | 2 |
| Hi-Ex Expansion foam unit on special calls | 1 |
| Ladders repaired (number of) | 48 |
| Ladders repaired (feet of) | 1,050 |
| Movement of apparatus | 59 |
| Metal hooks assembled and repaired | 165 |
| Salvage covers picked up | 138 |
| K-12 & K-1290 saw repairs | 370 |
| Generator repairs | 33 |
| Salvage covers delivered | 174 |

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TRAINING DIVISION
ANNUAL REPORT SUBMITTED BY
ALFRED FREDA, DEPUTY CHIEF
FOR THE YEAR 1986

The Training Division is responsible for all phases of Fire Department training. This responsibility includes training of recruit firefighters, in-service fire personnel and industrial fire brigades. The realization of these responsibilities is accomplished through course material presented by the National Fire Protection Association, Standard 1001, and programs of instruction promulgated by the International Fire Service Training Association.

The following major training programs were completed under the direction of Training Division Personnel:

MAJOR TRAINING PROGRAMS

| | |
|--|-------------------|
| Haz-Mat Incident Analysis | 1/8/86 - 2/4/86 |
| Large Diameter Hose | 4/10/86 |
| New Jersey State Police, S.C.B.A. | 4/11/86 |
| 19th Probationary Class Group A. | 4/21/86 - 5/23/86 |
| 19th Probationary Class Group B. | 5/26/86 - 6/20/86 |
| A.I.D. Inc. (Haz-Mat-Hands-On)..... | 6/23/86 - 6/26/86 |
| Elizabeth Probationary Class..... | 8/12/86 - 8/16/86 |
| Haz-Mat Level A. (Video Tape) | 9/2/86 on-going |
| Ear-Mark Communications..... | 9/30/86 - 10/6/86 |
| Vetter Air Bag System | 10/7/86 - 11/3/86 |
| Haz-Mat Chemistry Course | 12/1/86 on-going |

SPECIALIZED TRAINING

| | |
|-----------------------------------|-------------------------|
| Good Counsel High School - C.P.R. | |
| New Jersey Bell | - High Rise Fire Safety |
| Essex County College | - Health Fair |
| St. James Hospital | - Health Fair |
| U.M.D.N.J. | - Safety Fair |
| Gateway II | - First Aid |
| U.M.D.N.J. E.M.S. | - Rappelling |
| Irvington Police | - Rappelling |
| Newark Public Library | - Fire Safety |
| Newark Police Academy | - First Responder |
| S.C.A. Disposal Plant | - Walk Through |

TRAINING DIVISION (2)

An important aspect of the Division's responsibility is the training of industrial fire brigades and security forces of other government agencies. Training in firefighting and related subjects was offered to the following agencies:

- University of Medicine & Dentistry of New Jersey
- Newark Auxiliary Firefighters
- Marriott Hotel
- St. James Hospital
- Weston Instruments
- New Jersey Bell
- Gateway II
- Gateway III
- Chemical Waste Management

Other than the training functions of our staff, we are involved in other non-training types of activities. An explanation of these are as follows:

DISASTER PLANNING

The Academy staff has worked diligently for the last several months on the Fire Rescue, and Haz-Mat annexes for the State and Federal Government's Disaster plans. The Division has also hosted several meetings for the State Police, enabling them to train other city agencies in preparing these plans. As of this writing, our plans have been completed and submitted to the Office of Emergency Management for its approval. When the anticipated approval is given, the plans will be submitted to the Director and Fire Chief for their signatures.

AUDIO-VISUAL

The Audio-Visual Department continues to operate under normal guidelines, filming at some fires and related emergencies so that we have visual records for training and critiques. In the ensuing year we have filmed and edited all phases of the Haz-Mat Training. We are in the process of showing one of these productions to all fire houses via video tape. We have just completed the filming and editing of a tape about Firefighting Evaluations. This tape will be shown to all the Captains and Battalion Chiefs during the first week in January of 1987.

TRAINING DIVISION (3)

FIREBOAT JOHN F. KENNEDY

The Chief of the Training Division is also responsible for the twenty-four hour operation, availability and readiness of the Fireboat. The Academy Staff is ready to man the boat during normal working hours to augment the manpower of the one firefighter normally assigned to the boat. Deputy Chief Alfred Freda and Captain Eugene Anderson go on standby when a light duty firefighter is assigned to the boat. They responded on off hours from their homes in times of emergency to man and operate the boat. The boat is now fully operational and is kept in a high state of readiness. The regularly assigned personnel are now in the process of training selected line companies to aid them in time of need.

HAZ-MAT LIAISON OFFICER

The Training Commandant has been assigned by Fire Chief Stanley J. Kossup as the Haz-Mat Liaison Officer. Not only has the Training Academy been heavily involved in training this specialized unit, but has also become the hub for all its activities. We have generated the special report forms and documents required for the operation of this unit, and we have filed these forms when they have been returned to this office. Research and procurement of specialized equipment is also handled by this office, and we are now in the process of writing S.O.P's for their everyday operations. Meetings are held frequently at the Academy, bringing all the persons together who are involved with this unit's operation.

CHAIRMAN, SAFETY REVIEW AND ACCIDENT PREVENTION BOARD

Under General Order 56-75 revised, the Academy Chief has assumed the role of Chairman of this important committee. Under its revised charter, an early January 1987 meeting has been scheduled. There are several outstanding accidents that will be investigated, and of course, all those avenues of safety that concern the department will be reviewed.

DRIVER CERTIFICATION

The Training Academy Staff continues to certify apparatus drivers under Fire Department policy. During 1986, seventy-seven persons were certified as apparatus drivers. Since assuming this responsibility from the Division of Motors, we have insisted on quality and have noted a change in the quality of the drivers seeking certification. We are in the process of formulating plans to incorporate a short written examination in conjunction with the normal S.O.P. of on the road testing.

TRAINING DIVISION (4)

With the acquisition of our new Apple 11C Computer, the Training Academy has launched a major drive to update and modernize our record keeping procedures. Firefighter F. Shackleford is writing these programs for us at a tremendous savings to the city. An example of this is the training record program he is now formulating. We will soon have a complete training record on every member of the Fire Department, and more important, it will be stored on floppy disks for easy access. We hope to continue this trend toward modernization of all our records.

With the recently purchased Steam Jenny and special soap gun dispenser, we have gradually increased our role as a cleaning station for fire apparatus and equipment. This was evident by the large number of rigs that we serviced prior to the annual inspection.

The Commanding Officer of the Training Academy would like to express his heartfelt thanks to his limited staff, Captain Carl Duerr, Captain Eugene Anderson and Firefighters Melillo, Fredette, Stoffers, and Shackleford, for their dedication and unselfish motivation toward carrying out all of the programs enumerated in this report. Without these types of individuals it would have been impossible to carry out all our tasks successfully.

And, of course, a large part of our success belongs to Director Claude M. Coleman and Fire Chief Stanley J. Kossup, without whose progressive and enthusiastic leadership it would not have been possible to achieve our stated goals.

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TRAINING DIVISION PERFORMANCE REPORT

| <u>ACADEMY TRAINING</u> | <u>SESSIONS</u> | <u>HRS. INSTRU.</u> | <u>ATTENDANCE</u> | <u>MAN HOURS</u> |
|-------------------------|-----------------|---------------------|-------------------|------------------|
| Recruit Fire Training | 60 | 398 | 122 | 8,798 |
| New Jersey Police | 2 | 6 | 10 | 60 |
| Company Refresher | 12 | 260 | 912 | 2,945 |
| Officer Refresher | <u>8</u> | <u>16</u> | <u>30</u> | <u>417</u> |
| Totals | 82 | 680 | 1,074 | 12,220 |

| <u>SPECIAL TRAINING</u> | <u>SESSIONS</u> | <u>HRS. INSTRU.</u> | <u>ATTENDANCE</u> | <u>MAN HOURS</u> |
|-------------------------|-----------------|---------------------|-------------------|------------------|
| Preventive Maintenance | 4 | 6 | 20 | 40 |
| Driver Training | 76 | 76 | 76 | 76 |
| Apparatus Service Test | 4 | 4 | 4 | 4 |
| Pump Operations | 45 | 45 | 45 | 45 |
| Aerial Ladder | <u>30</u> | <u>30</u> | <u>30</u> | <u>30</u> |
| Totals | 159 | 161 | 175 | 195 |

FIELD TRAINING

| | |
|------------------------|-------------|
| Drills in Quarters | 30 |
| Drills out of Quarters | 14 |
| Total Drills | 44 |
| Hours of Instruction | 636 |
| Man Hours | <u>1436</u> |
| Totals | 2160 |

| <u>DEMONSTRATIONS/</u> | <u>NUMBER GIVEN</u> | <u>ATTENDANCE</u> |
|------------------------|---------------------|-------------------|
| Fire Prevention | 10 | 943 |
| Extinguisher | 16 | 874 |
| First Aid | <u>2</u> | <u>68</u> |
| Totals | 28 | 1885 |

| | |
|---------------|-----|
| FILMS SHOWN: | 22 |
| NO. ATTENDED: | 860 |

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PLANNING AND RESEARCH DIVISION
ANNUAL REPORT SUBMITTED BY
JOHN J. VALENT, DEPUTY CHIEF
FOR THE YEAR 1986

During the year 1986, the Planning and Research Division provided staff assistance as directed by the Director and Fire Chief. Assistance was also provided to other agencies when requested.

Areas of activities included, but were not limited, to the following:

CAPITAL BUDGET PREPARATION AND MONITORING

1980 Capital Budget:

Reconstruction of Fire Stations:

- (a) 1028-1030 Bergen Street
- (b) 269-277 Park Avenue
- (c) 69-71 Vesey Street

Work is nearing completion.

1983 Capital Budget:

Reconstruction of Fire Stations:

- (a) 526-528 Frelinghuysen Avenue
- (b) 469-473 Ferry Street
- (c) 691-701 North 6th Street

Work is nearing completion.

1984 Capital Budget:

All projects completed.

1985 Capital Budget:

1. Apparatus Replacement:

- (a) Two 100 ft. Aerial (rear mount) Ladder Trucks
- (b) Two 1,000 GPM Pumps

Bids have been awarded; delivery is expected in the Spring of 1987.

Planning and Research Division (2)

1986 Capital Budget (revised):

1. Apparatus Replacement:

- (a) Two - 100 ft. Aerial (rear mount) Ladder Trucks.
- (b) Two - 1,000 GPM Pumpers.

2. New Fire Facilities:

- (a) South Orange Avenue and South 9th Street (Engine Co. 6, Engine Co. 11, And Truck Co. 11.) Design and site plan work in progress.
- (b) Clinton Avenue and Milford Avenue, planning stage (Phase I)

1987 Capital Budget Request:

1. Apparatus Replacement:

- (a) One - 85 ft. Elevating Platform Aerial Ladder Truck.
- (b) One - 1,000 GPM Pumper with Tele-Squirt Accessory.
- (c) One - 1,000 GPM Pumper.
- (d) One - Elevating Platform Work Truck.

2. Fire Station Rehabilitation Program:

- (a) Engine Companies 21, 26, and Truck Co. 12 (Interior)
- (b) Engine Co. 27 and Truck 4.
- (c) Engine Co. 10.

3. Upgrade Emergency Radio Communication System.

4. New Fire Facility

Clinton Avenue and Milford Avenue (Phase II, Construction)

SICK LEAVE AND INJURY REPORTING SYSTEM

Sick and injury leave reports are monitored and coded daily. Reports pertaining to sick and injury leaves are presented to the Director and Fire Chief, on a weekly basis.

MONITORING OF ON-DUTY MANPOWER

Daily roll call records are maintained for all companies. Manpower projections are determined for vacation periods and emergencies, along with overtime needs to ensure adequate manpower.

Planning and Research Division (3)

SCHOOLS, CONVENTIONS, SEMINARS

A file and schedule of all upcoming Fire Service educational events are maintained. Arrangements for travel, registration, and expenses are handled through this Division.

FUEL CONSERVATION (Motor Vehicles)

All motor vehicle fuel consumption within the Department is monitored.

AFFIRMATIVE ACTION

This Division submits, quarterly, reports to the Human Rights Commission concerning all Department activities in the following areas:

- (a) Appointments
- (b) Retirements
- (c) Demotions
- (d) Resignations

In addition, annual reports of all employment activities and salary listings, on a twelve month basis, from July 1st through June 30th of the following year, are forwarded to the Human Rights Commission.

MULTIPLE DWELLING FIRE SAFETY INSPECTION PROGRAM

In January 1985, the Planning and Research Division instituted a program of inspecting all multiple dwellings in the city for violations of A.C. smoke detectors in common areas, battery smoke detectors inside dwelling units and second means of egress, for compliance with the New Jersey Hotel and Multiple Dwelling Act. This program was developed in cooperation with the Division of Fire Prevention and Life Safety and the Bureau of Housing Inspection of the New Jersey Department of Community Affairs. To date more than 7,500 buildings have been inspected initiating more than 2,800 violations. An additional re-inspection program was started in July 1985 involving more than 2,600 re-inspections with all records, monitoring, coordination, and liaison with all involved being coordinated by this Division.

The Planning and Research Division performs many additional functions as directed by the Director and Fire Chief, and in addition, responds to requests from other inter-departmental and intra-departmental agencies. Reasonable requests from other organizations are acted upon according to priority and availability of resources.

COMMUNITY RELATIONS DIVISION
ANNUAL REPORT SUBMITTED BY
JOSEPH J. PIERCE, JR.
FOR THE YEAR 1986

The Community Relations Division performed the following services during the year 1986:

We operated a twenty-four hour fire victim assistance program. Assisted fire victims in finding emergency shelter in cooperation with public or charitable organizations, such as the Red Cross.

Also, on an around the clock basis, Community Relations shut down illegally opened water hydrants, citywide; maintained a close liaison with the Water Department, advising them as to the hydrant locations requiring the highest priority for installation of a protective device.

The Community Relations Division has absorbed the duties of the Water Officer, coordinating the repair of damaged hydrants discovered by Fire Department personnel and their repair by the Water Department. We have observed the performance of the new "Custodian" hydrant operating nut protective device and found it to be the most effective device installed to date. This technology, we believe, has the ability to solve the illegal hydrant opening problem and the elimination of other types of protective devices, (eliminating the need for fire apparatus to be equipped with more than one special wrench for opening same.) We have strongly recommended the purchase of at least 1,000 of these devices this year to the Director of Engineering, Alvin L. Zach, Jr.

The Water Department made the following repairs and additions: 155 Hydrants were entirely replaced, 1,151 Hydrants were repaired, 1,303 Caps and Chains were replaced, 504 Hydrants were painted, 503 Nipples were replaced, 330 "Custodian" protective devices installed, and 2 Hydrants were removed.

The Division has maintained an active community speaker program. Presentations were made to numerous civic, community, religious, and school groups. During Fire Prevention Week, every public school in the city received a speaker and Fire Prevention presentation. Also during this week, over 60,000 McDonald's Fire Prevention flyers were distributed. In building a community awareness of Fire Prevention Week, the Community Relations Division designed, had privately sponsored, and distributed 3,000 Fire Prevention posters throughout the city.

COMMUNITY RELATIONS DIVISION (2)

In an attempt to brighten the holidays of the city's most needy children, the Division raised money and toys through contributions and donations made by local business organizations and the general public. To achieve their goal, the Division also bought and collected over 4,500 toys. The toys were delivered to a Fire Station to be distributed to the children at community organized parties by uniformed firefighters. Community Relations sponsored and ran a "Fire Department Christmas Party for the Needy" in conjunction with the Mayor's office. Four hundred children attended the party and there were no disappointed participants.

The institution of a Safety Film Library was started this year by the Division. Sponsored by local business, the library has acquired over \$5,000 worth of 16MM film, video, and slide programs. Another local business purchased a remotely operated speaking and moving robot for the Division.

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DATA PROCESSING UNIT
ANNUAL REPORT FOR 1986
SUBMITTED BY
MEMPHIS H. KING
DATA PROCESSING COORDINATOR

The Data Processing Unit of the Planning and Research Division has completed various computer applications, which include making the following printouts for Department use:

1. A list of inspections and updating of conditions of hydrants in the city.
2. Personnel listings and history as needed.
3. Monthly vacant building reports.

Attended a seminar at Gateway I, in September of 1986, on Management of a Division.

The Data Processing Unit has performed all the activities and duties as required by the Director and the Fire Chief of the Fire Department.

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PHOTOGRAPHY DIVISION
ANNUAL REPORT SUBMITTED BY
FIREFIGHTER LAWRENCE KRIEGER
FOR THE YEAR 1986

The following report is herewith respectfully submitted outlining the activities of the Photography Division for the year 1986:

Assignments responded to:

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| Signal 100 (Arson or Suspected) | 26 |
| Signal 200 (Death at Fire) | 7 |
| Public Relations (includes appointments, awards, promotions and demonstrations) | 24 |
| Special Assignments (includes working in cooperation with other agencies, the Law Department, Division of Fire Prevention and Life Safety, Demolition and Engineering Departments) | 109 |
| Total Assignments: | 166 |

Dark Room Activities Include:

| | |
|-------------------------------------|-------|
| Black and White negatives developed | 3,144 |
| Black and White prints processed | 4,558 |
| Color negatives developed | 620 |
| Color prints processed | 1,008 |

I wish to extend my sincere thanks to all the Officers and Members of the Fire Department for their cooperation and assistance throughout the past year.

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NEWARK OFFICE OF
EMERGENCY MANAGEMENT
ANNUAL REPORT SUBMITTED BY
ROBERT D. SWALES
DEPUTY COORDINATOR
FOR THE YEAR 1986

By municipal ordinance dated July 22, 1986, the Office of Emergency Management (Civil Defense and Disaster Control) became a division within the Fire Department, headed by the Deputy Director of Emergency Management.

The objectives of the Newark Office of Emergency Management are to provide the citizens with an adequate and properly maintained Public Air Raid Warning System, sufficient fallout shelters, either community or private, properly stocked and protected, an equipped administrative office, detailed plans for survival actions under various conditions and the full participation of all departments, agencies (public or private) that have a potential contribution to make adequate plans for the management of all resources in the City, both public and private, a proper system of inspection and security of supplies, implementation of the State plans for the continuity of government, at all levels, during emergencies, as well as the continual updating of all such plans, education of the public, the recruiting and training of volunteer auxiliary personnel who would supplement various city departments, to provide coordination with the military establishments, reserve or regular, within the geographical boundaries of the city, for their assistance, if needed.

The Newark Office of Emergency Management responded to over 60 hazardous materials incidents in 1986, in addition to several major fires. The nature of these responses included on-site investigation of incidents, coordination of efforts with the Department of Environmental Protection (DEP), the Haz-Mat Unit and other units of the Newark City Fire Department, the Environmental Protection Agency (EPA), and the Newark Department of Engineering to evaluate the hazard and to determine the steps to be taken in response, and in some cases, actions leading to the apprehension of responsible parties. The agency (OEM) maintains an interest in each incident from discovery through clean-up, and monitors the activities of contractors and other public and private agencies to ensure that the situation is corrected. The OEM keeps records of all reported incidents and maintains files on all hazardous materials sites. The Newark OEM also has the responsibility for opening temporary shelters for citizens who may be displaced in these incidents.

During the year of 1986, the Office of Emergency Management participated in monthly warning tests through N.J.C.J.I.S. and the County radio systems. In accordance with guidelines to update the Emergency Operating Plan every two years, the Office of Emergency Management updated, submitted and had tentative approval for E.O.P. by State Emergency Management Offices. O.E.M. completed a multi-year development plan, and also initiated a program of stocking, rotating and transporting radiological monitors and other radiological supplies in an effort to enhance the Radiological Defense capability. The equipment was transferred from the City to the State Radiological Section on a regular basis for maintenance testing and repair.

Office of Emergency Management (2)

It is anticipated that because of the changing times and greater recognition of the importance of the Office of Emergency Management, there will always be room to more clearly accomplish the precepts of the objectives and, perhaps more important, many of the objectives will become more acceptable to local citizens, business, and industry and government.

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FIRE AUXILIARY SERVICE
ANNUAL REPORT SUBMITTED BY
ROBERT D. SWALES
DEPUTY COORDINATOR
FOR THE YEAR 1986

During the year 1986, there were 14 new applicants for the Newark Fire Auxiliary Fire Service, three men left the unit for personal reasons, bringing the present total to 90 active members and 100 semi-active members. Also, two of the men were promoted to the rank of Captain.

The members reported to the fire houses 921 times and spent 4,595 hours on duty; responded to 1,290 alarms and spent 563 hours working at fires, 150 hours on drills in and out of quarters.

A special drill was held on October 11th, in the smoke tower at the Fire Training Center, conducted by Fire Captain Charles Manara, demonstrating the proper use of face masks.

This unit extends a special word of thanks to Fire Captain Charles Manara for a job well done. He has been re-assigned to duty in the field on October 1, 1986. As a fire captain in the Newark Fire Department he trained the auxiliaries, giving them the benefit of his years of experience, molding them into an efficient and effective unit.

F/F Charles Alaimo assumed the position of Coordinator/ Auxiliary Fire Services, and held three meetings and drills in December at the Fire Training Academy, under the direction of Deputy Fire Chief Joseph Pierce. A recruiting drive for new members was launched for the coming year.

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MEDICAL DIVISION
ANNUAL REPORT SUBMITTED BY
MORRIS HALPER, M. D.
FOR THE YEAR 1986

During the year of 1986, as part time Fire Department Surgeon, my basic availability to the Fire Department was two days per week in addition to any special consultation requested by the Director or the Fire Chief.

Medical records of members on injury or sick leave were routinely examined and an evaluation of their condition and progress was submitted to the Fire Chief.

During 1986, approximately 64 Firefighter candidates and several Fire Alarm Operator candidates, considered for appointment to the Fire Department, have been examined by me. Recommendations and findings concerning the candidates' health were submitted to the Director and the Fire Chief.

I wish to take this opportunity to thank all the Officers and Members of the Fire Department who have cooperated with me in providing service to members of the Fire Department.

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ANNUAL REPORT
SUBMITTED BY THE
CATHOLIC CHAPLAIN
REV. HORTON J. RAUGHT
FOR THE YEAR 1986

The following is a report of my activities as Chaplain of the Newark Fire Department for the year 1986.

Responded to multiple alarms when summoned. In 1986 I responded to 81 fires of which 61 were multiple alarms. When necessary I accompanied injured firefighters to the hospital from the fire scene.

Visited the various hospitals in the area to attend members of the Fire Department who were ill or injured in the line of duty. Visits were also made to members of their families when notified of their illness.

Attended all swearing-in ceremonies of new Fire Department personnel as well as promotion ceremonies.

Attended wakes for the deceased members of the Fire Department or members of their families. I participated at funeral services of members of the Department, both active or retired.

I was available for and participated in conferences with members of the Department or their families.

I conducted the 63rd Annual Memorial Service for the deceased members of the Newark Fire Department. This Annual Memorial Mass and Service was conducted at St. Patrick's Pro-Cathedral, Newark, New Jersey.

Attended Fire Prevention demonstrations and all other activities pertaining to Fire Department affairs and those sponsored by the Fire Department Historical Association and the Bell and Siren Club, Inc.

I wish to express my deep and sincere gratitude to Director Claude M. Coleman, Fire Chief Stanley J. Kossup, and to all the Officers and Members of the Newark Fire Department for the friendship, courtesy and cooperation they have shown me.

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ANNUAL REPORT
SUBMITTED BY
THE JEWISH CHAPLAIN
RABBI HORACE L. ZEMEL
FOR THE YEAR 1986

As Jewish Chaplain of the Newark Fire Department, I have, to the best of my ability, answered fire calls when summoned, attended the sick and dying, participated in public functions, and in general, lent myself in full capacity as clergyman over all those to whom I minister, in whatever contingency my services were needed.

Once again, the making of this report gives me the opportunity of letting you know that I am cognizant of the many courtesies extended to me in the performance of the duties of my office, for which I am extremely grateful.

May I wish you, and through you, all members of the Fire Department, a year marked by peace in the world, order in our government, health in the home, and success in every worthwhile effort.

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THE BELL AND SIREN CLUB, INC.

ANNUAL REPORT
FOR THE YEAR 1986

The Bell and Siren club, organized in 1949, is a non-profit, voluntary group, dependent upon membership dues, social functions, and the contributions of the firefighters of the communities it serves, to finance its activities and acquire and maintain its equipment.

Membership is limited to 50 active members whose conduct must adhere to the official Club Code of Operations. Public officials and candidates for public office are not eligible for membership.

The Club serves free refreshments of coffee, orange drink, tea, hot soup, etc., from a mobile canteen unit, "The Rig", to firefighters at the scene of a fire, inside the fire lines.

The Rig is owned by the Club, but it is quartered with Rescue Co. 1, courtesy of the Mayor and the Newark Fire Department.

During 1986, the Club responded to 88 fire emergencies, comprising of:

- 44 Second Alarms
- 7 Third Alarms
- 1 Fourth Alarm
- 21 Special Calls
 - 6 Multiple Alarms in East Orange
 - 1 Multiple Alarm in South Orange
 - 1 Multiple Alarm in West Orange
 - 3 Multiple Alarms in Irvington
 - 1 Multiple Alarm in Belleville
 - 1 Special Call in Bloomfield
 - 2 Special Calls in Orange

Services rendered included:

| | |
|------------------------|-----------------------------|
| 5,886 cups of coffee | 1,060 Cups of hot chocolate |
| 3,441 cups of iced tea | 55 cups of beef broth |
| 136 cups of cold drink | 230 doz. cookies and cake |
| 338 cups of hot tea | 188 cigarettes |
| 158 cups of water | 25 lbs. of beef stew |

We extend our thanks and appreciation to the elected officials of the city of Newark, to Fire Director Claude M. Coleman, and to Fire Chief Stanley J. Kossup, and all the Officers and Members of the Newark Fire Department, for their help and assistance during the past year.